

JAN.2025



KENNEDE ELECTRONICS MFG CO., LTD.

Add : No.21 Jintong Road, Tangxia Town, Pengjiang  
District, Jiangmen City, Guangdong Province, China.  
Tel : 86-750-7173000  
Fax : 86-750-7173170  
Http : www.kennede.com



# HOME APPLIANCE

PRODUCT CATALOGUE  
TO CREATE A WIN-WIN FUTURE WITH KENNEDE PRODUCTS



JAN.2025  
CHINA STOCK CODE:002723  
KENNEDE ELECTRONICS MFG CO., LTD.







- Rechargeable fan, lantern, torch and home appliance products
- Export to more than 100 countries covering America, Europe, Asia and Africa
- Inquiry reply in 30 minutes & order delivery in 10 days
- OEM & ODM are welcome
- KSF: competition, speed, innovation, customer

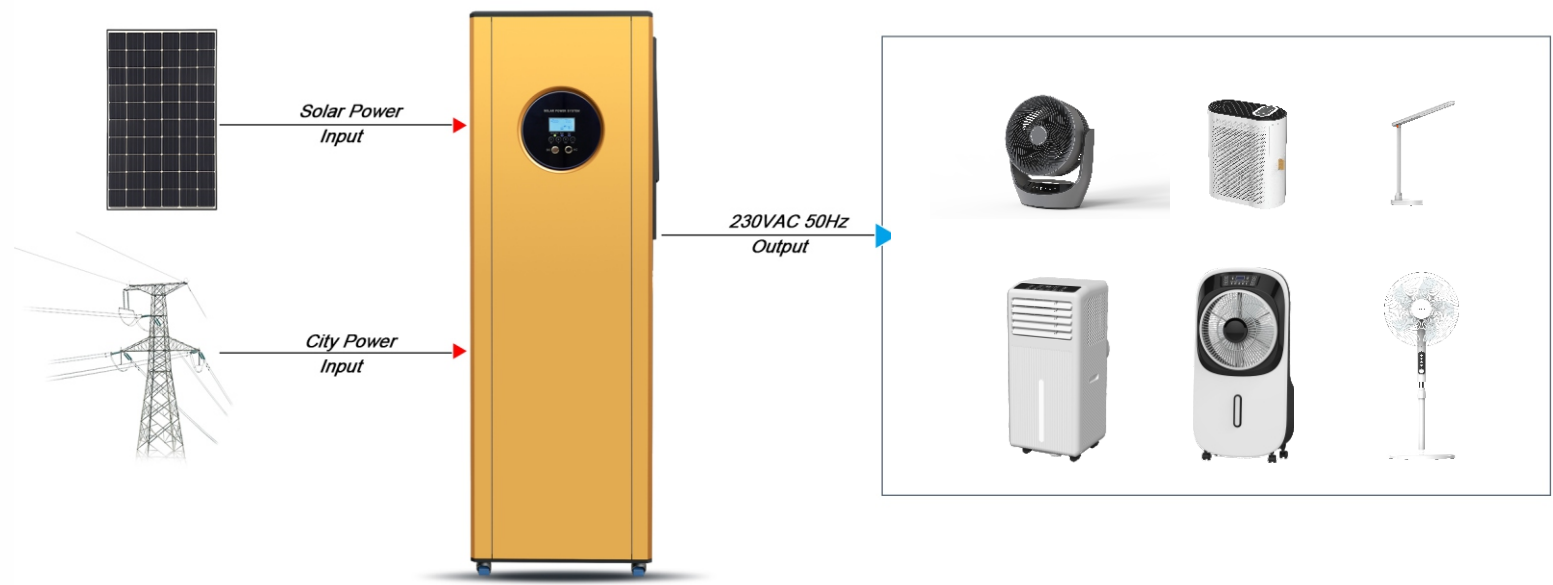






## SOLAR ENERGY STORAGE SYSTEM

MPPT + Inverter + Lithium-battery + UPS



## ALL IN ONE

Solar Energy Storage System

This solar energy storage system includes lithium batteries, inverter, MPPT and UPS inside and can deliver quality pure sine wave, ensuring anything you plug in will be running to its full functionality and capacity.

|                                                                                                               |                                                                                                                |                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <br>1536 Hours<br>(10W)  | <br>192 Hours<br>(80W)    | <br>51.2 Hours<br>(300W) |
| <br>307 Hours<br>(50W)   | <br>10.4 Hours<br>(150W)  | <br>19.2 Hours<br>(800W) |
| <br>8.5 Hours<br>(1800W) | <br>15.3 Hours<br>(1000W) | <br>76.8 Hours<br>(200W) |





ALL IN ONE  
Solar Energy Storage System

16 kWh /  
Battery Energy  
5.5 kW/  
inverter

JD-S300



ALL IN ONE  
Solar Energy Storage System

8.0 kWh /  
Battery Energy  
3.5 kW/  
inverter

JD-S200



ALL IN ONE  
Solar Energy Storage System

4.0 kWh /  
Battery Energy  
2.5 kW/  
inverter

JD-S150

|                             |                |
|-----------------------------|----------------|
| Model Name                  | JD-S300        |
| Operating temperature range | -10-55°C       |
| IP Grade                    | Ip20           |
| AC input Voltage Range      | 170-280Vac     |
| Frequency                   | 50Hz/60 Hz     |
| Max.AC charging current     | 80A            |
| PV input                    |                |
| Max.power                   | 5500W          |
| Max.open voltage            | 550V           |
| MPPT input voltage range    | 120-450Vdc     |
| Max.input current           | 100A           |
| AC Output                   |                |
| Rated power                 | 5500VA/5500W   |
| Voltage                     | 230Vac±5%      |
| Rated Current               | 23.9A          |
| PV Output                   |                |
| Max.Power                   | 5500W          |
| Max.Charging Current        | 100A           |
| Battery Type                | Li-Battery     |
| Voltage Range               | 40-60Vdc       |
| Rated Voltage               | 51.2Vdc        |
| Battery Energy              | 15360WH        |
| Battery Ca Pacity           | 300Ah          |
| DOD                         | 93%            |
| Weight                      | ≈ 124KG        |
| Size                        | 1370X422X245mm |

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-S200       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50Hz/60 Hz    |
| Max.AC charging current     | 80A           |
| PV input                    |               |
| Max.power                   | 4500W         |
| Max.open voltage            | 450V          |
| MPPT input voltage range    | 60-450Vdc     |
| Max.input current           | 100A          |
| AC Output                   |               |
| Rated power                 | 3500VA/3500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 15.2A         |
| PV Output                   |               |
| Max.Power                   | 4500W         |
| Max.Charging Current        | 100A          |
| Battery Type                | Li-Battery    |
| Voltage Range               | 20-30Vdc      |
| Rated Voltage               | 25.6Vdc       |
| Battery Energy              | 7680WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 93%           |
| Weight                      | ≈ 69KG        |
| Size                        | 970X422X245mm |

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-S150       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50 Hz/60 Hz   |
| Max.AC charging current     | 49A           |
| PV input                    |               |
| Max.power                   | 900W          |
| Max.open voltage            | 150V          |
| MPPT input voltage range    | 15-150Vdc     |
| Max.input current           | 60A           |
| AC Output                   |               |
| Rated power                 | 2500VA/2500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 9.1A          |
| PV Output                   |               |
| Max.Power                   | 900W          |
| Max.Charging Current        | 60A           |
| Battery Type                | Li-Battery    |
| Voltage Range               | 10-15Vdc      |
| Rated Voltage               | 12.8Vdc       |
| Battery Energy              | 3840WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 85%           |
| Weight                      | ≈ 55KG        |
| Size                        | 840X422X245mm |



## SOLAR ENERGY STORAGE SYSTEM

MPPT + Inverter + Lithium-battery + UPS

|                             |               |               |
|-----------------------------|---------------|---------------|
| Model Name                  | S50           | S100          |
| Operating temperature range | -10-55°C      | -10-55°C      |
| IP Grade                    | Ip20          | Ip20          |
| AC input Voltage Range      | 170-280Vac    | 170-280Vac    |
| Frequency                   | 50Hz/60 Hz    | 50Hz/60 Hz    |
| Max.AC charging current     | 80A           | 80A           |
| PV input                    |               |               |
| Max.power                   | 4500W         | 5500W         |
| Max.open voltage            | 450V          | 550V          |
| MPPT input voltage range    | 60-450Vdc     | 120-450Vdc    |
| Max.input current           | 100A          | 100A          |
| AC Output                   |               |               |
| Rated power                 | 3500VA/3500W  | 5500VA/5500W  |
| Voltage                     | 230Vac±5%     | 230Vac±5%     |
| Rated Current               | 15.2A         | 23.9A         |
| PV Output                   |               |               |
| Max.Power                   | 4500W         | 5500W         |
| Max.Charging Current        | 100A          | 100A          |
| Battery Type                | Li-Battery    | Li-Battery    |
| Voltage Range               | 20-30Vdc      | 40-60Vdc      |
| Rated Voltage               | 25.9Vdc       | 51.8Vdc       |
| Battery Energy              | 4869WH        | 9737WH        |
| Battery Ca Pacity           | 188Ah         | 188Ah         |
| DOD                         | 80%           | 80%           |
| Weight                      | ≈ 41KG        | ≈ 74KG        |
| Size                        | 690X460X192mm | 795X580X200mm |



# iPower All-in-one Solar Storage System

2.5~5.5KW 4~16KWh



ALL IN ONE  
Solar Energy Storage System

**16** kWh /  
Battery Energy  
**5.5** kW/  
inverter

JD-T300



ALL IN ONE  
Solar Energy Storage System

**8.0** kWh /  
Battery Energy  
**3.5** kW/  
inverter

JD-T200



ALL IN ONE  
Solar Energy Storage System

**4.0** kWh /  
Battery Energy  
**2.5** kW/  
inverter

JD-T150

|                             |                |
|-----------------------------|----------------|
| Model Name                  | JD-T300        |
| Operating temperature range | -10-55°C       |
| IP Grade                    | Ip20           |
| AC input Voltage Range      | 170-280Vac     |
| Frequency                   | 50Hz/60 Hz     |
| Max.AC charging current     | 80A            |
| PV input                    |                |
| Max.power                   | 5500W          |
| Max.open voltage            | 550V           |
| MPPT input voltage range    | 120-450Vdc     |
| Max.input current           | 100A           |
| AC Output                   |                |
| Rated power                 | 5500VA/5500W   |
| Voltage                     | 230Vac±5%      |
| Rated Current               | 23.9A          |
| PV Output                   |                |
| Max.Power                   | 5500W          |
| Max.Charging Current        | 100A           |
| Battery Type                | Li-Battery     |
| Voltage Range               | 40-60Vdc       |
| Rated Voltage               | 51.2Vdc        |
| Battery Energy              | 15360WH        |
| Battery Ca Pacity           | 300Ah          |
| DOD                         | 93%            |
| Weight                      | ≈124KG         |
| Size                        | 1360X480X255mm |

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-T200       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50Hz/60 Hz    |
| Max.AC charging current     | 80A           |
| PV input                    |               |
| Max.power                   | 4500W         |
| Max.open voltage            | 450V          |
| MPPT input voltage range    | 60-450Vdc     |
| Max.input current           | 100A          |
| AC Output                   |               |
| Rated power                 | 3500VA/3500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 15.2A         |
| PV Output                   |               |
| Max.Power                   | 4500W         |
| Max.Charging Current        | 100A          |
| Battery Type                | Li-Battery    |
| Voltage Range               | 20-30Vdc      |
| Rated Voltage               | 25.6Vdc       |
| Battery Energy              | 7680WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 93%           |
| Weight                      | ≈69KG         |
| Size                        | 960X480X255mm |

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-T150       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50 Hz/60 Hz   |
| Max.AC charging current     | 49A           |
| PV input                    |               |
| Max.power                   | 900W          |
| Max.open voltage            | 150V          |
| MPPT input voltage range    | 15-150Vdc     |
| Max.input current           | 60A           |
| AC Output                   |               |
| Rated power                 | 2500VA/2500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 9.1A          |
| PV Output                   |               |
| Max.Power                   | 900W          |
| Max.Charging Current        | 60A           |
| Battery Type                | Li-Battery    |
| Voltage Range               | 10-15Vdc      |
| Rated Voltage               | 12.8Vdc       |
| Battery Energy              | 3840WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 85%           |
| Weight                      | ≈55KG         |
| Size                        | 830X480X255mm |





ALL IN ONE  
Solar Energy Storage System

16 kWh /  
Battery Energy  
5.5 kW/  
inverter

JD-A300

|                             |                |
|-----------------------------|----------------|
| Model Name                  | JD-A300        |
| Operating temperature range | -10-55°C       |
| IP Grade                    | Ip20           |
| AC input Voltage Range      | 170-280Vac     |
| Frequency                   | 50Hz/60 Hz     |
| Max.AC charging current     | 80A            |
| PV input                    |                |
| Max.power                   | 5500W          |
| Max.open voltage            | 550V           |
| MPPT input voltage range    | 120-450Vdc     |
| Max.input current           | 100A           |
| AC Output                   |                |
| Rated power                 | 5500VA/5500W   |
| Voltage                     | 230Vac±5%      |
| Rated Current               | 23.9A          |
| PV Output                   |                |
| Max.Power                   | 5500W          |
| Max.Charging Current        | 100A           |
| Battery Type                | Li-Battery     |
| Voltage Range               | 40-60Vdc       |
| Rated Voltage               | 51.2Vdc        |
| Battery Energy              | 15360WH        |
| Battery Ca Pacity           | 300Ah          |
| DOD                         | 93%            |
| Weight                      | ≈ 124KG        |
| Size                        | 1360X480X255mm |



ALL IN ONE  
Solar Energy Storage System

8.0 kWh /  
Battery Energy  
3.5 kW/  
inverter

JD-A200

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-A200       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50Hz/60 Hz    |
| Max.AC charging current     | 80A           |
| PV input                    |               |
| Max.power                   | 4500W         |
| Max.open voltage            | 450V          |
| MPPT input voltage range    | 60-450Vdc     |
| Max.input current           | 100A          |
| AC Output                   |               |
| Rated power                 | 3500VA/3500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 15.2A         |
| PV Output                   |               |
| Max.Power                   | 4500W         |
| Max.Charging Current        | 100A          |
| Battery Type                | Li-Battery    |
| Voltage Range               | 20-30Vdc      |
| Rated Voltage               | 25.6Vdc       |
| Battery Energy              | 7680WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 93%           |
| Weight                      | ≈ 69KG        |
| Size                        | 960X480X255mm |



ALL IN ONE  
Solar Energy Storage System

4.0 kWh /  
Battery Energy  
2.5 kW/  
inverter

JD-A150

|                             |               |
|-----------------------------|---------------|
| Model Name                  | JD-A150       |
| Operating temperature range | -10-55°C      |
| IP Grade                    | Ip20          |
| AC input Voltage Range      | 170-280Vac    |
| Frequency                   | 50 Hz/60 Hz   |
| Max.AC charging current     | 49A           |
| PV input                    |               |
| Max.power                   | 900W          |
| Max.open voltage            | 150V          |
| MPPT input voltage range    | 15-150Vdc     |
| Max.input current           | 60A           |
| AC Output                   |               |
| Rated power                 | 2500VA/2500W  |
| Voltage                     | 230Vac±5%     |
| Rated Current               | 9.1A          |
| PV Output                   |               |
| Max.Power                   | 900W          |
| Max.Charging Current        | 60A           |
| Battery Type                | Li-Battery    |
| Voltage Range               | 10-15Vdc      |
| Rated Voltage               | 12.8Vdc       |
| Battery Energy              | 3840WH        |
| Battery Ca Pacity           | 300Ah         |
| DOD                         | 85%           |
| Weight                      | ≈ 55KG        |
| Size                        | 830X480X255mm |

# LiFePO4 Battery

## 51.2V / 300AH

Protect every family from darkness

15360Wh



| BATTERY 51.2V300AH                                   | 15360WH                                                                                                                                                                                                                                           |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Normal Charging Voltage                              | 58.4V                                                                                                                                                                                                                                             |
| Maximum Charging Current                             | 150A                                                                                                                                                                                                                                              |
| Discharge Termination Voltage                        | 46.5V                                                                                                                                                                                                                                             |
| Recommended Discharge Termination Voltage            | 44V                                                                                                                                                                                                                                               |
| Maximum Discharge Current                            | 150A                                                                                                                                                                                                                                              |
| Single Cell Charging Overvoltage Protection          | 3.65V                                                                                                                                                                                                                                             |
| Overvoltage Protection For The Whole Battery         | 58.4V                                                                                                                                                                                                                                             |
| Low Voltage Protection For The Single Cell Discharge | 2.7V                                                                                                                                                                                                                                              |
| Charge Overcurrent Protection                        | 150A-200A                                                                                                                                                                                                                                         |
| Discharge Overcurrent Protection                     | 150A-300A                                                                                                                                                                                                                                         |
| Working Temperature                                  | -15°C~+55°C                                                                                                                                                                                                                                       |
| Stotage Temperature                                  | -20°C~+50°C                                                                                                                                                                                                                                       |
| BMS Features                                         | high accuracy cell level voltage, current measuring over-charge,over-discharge protection short-circuit protection self-hearming intelligent SOC calculation cell level active equalization multiple communication type parallel connect function |
| Dimensions(mm)                                       | 960*470*255                                                                                                                                                                                                                                       |
| Weight(kg)                                           | ≈103KG                                                                                                                                                                                                                                            |



MODEL:L15360



Stackable  
ALL IN ONE  
Solar Energy Storage System



Sketch map of four-in-one home energy storage system

MPPT + Inverter + Lithium-battery + UPS



ALL IN ONE  
Solar Energy Storage System

16 kWh /  
Battery Energy  
5.5 kW/  
inverter

JD-D200



ALL IN ONE  
Solar Energy Storage System

24 kWh /  
Battery Energy  
5.5 kW/  
inverter

JD-D300



ALL IN ONE  
Solar Energy Storage System

32 kWh /  
Battery Energy  
5.5 kW/  
inverter

JD-D400

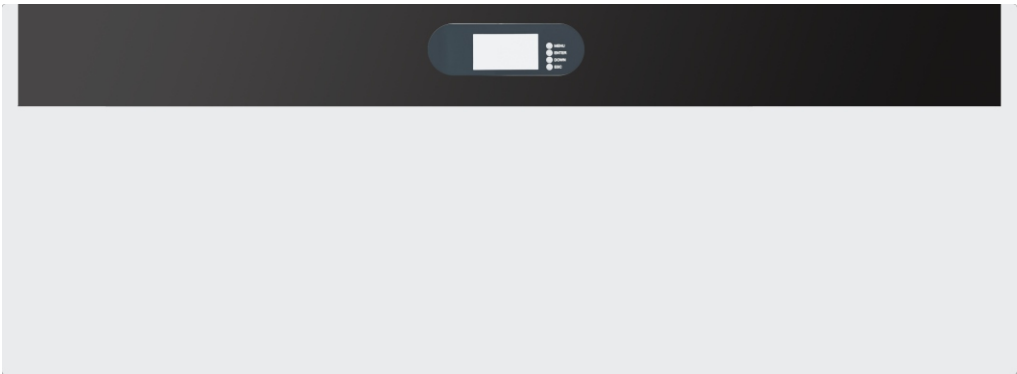
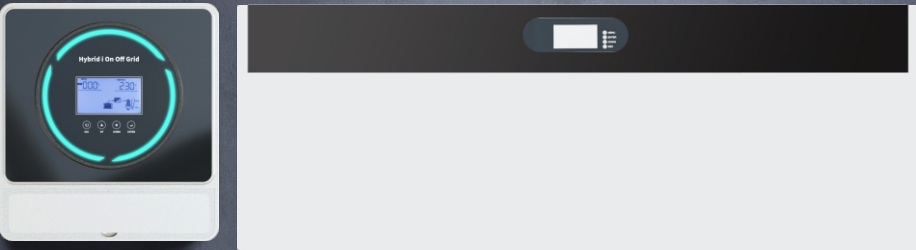
|                              |                                                                    |
|------------------------------|--------------------------------------------------------------------|
| Model Name                   | JD-D200                                                            |
| Operating temperature range  | -20-60°C                                                           |
| IP Grade                     | Ip20                                                               |
| AC input Voltage Range       | 170-280Vac                                                         |
| Frequency                    | 50Hz/60 Hz                                                         |
| Max.AC charging current      | 80A                                                                |
| PV input                     |                                                                    |
| Max.power                    | 5500W                                                              |
| Max.open voltage             | 550V                                                               |
| MPPT input voltage range     | 120-450Vdc                                                         |
| Max.input current            | 100A                                                               |
| AC Output                    |                                                                    |
| Rated power                  | 5500VA/5500W (Can be optional)                                     |
| Voltage                      | 230Vac±5%                                                          |
| Rated Current                | 23.9A                                                              |
| PV Output                    |                                                                    |
| Max.Power                    | 5500W                                                              |
| Max.Charging Current         | 100A                                                               |
| Battery Type                 | Li-Battery                                                         |
| Voltage Range                | 40-60Vdc                                                           |
| Rated Voltage                | 51.2Vdc                                                            |
| Battery Energy               | 16384WH                                                            |
| Battery Ca Pacity            | 320Ah (Can be increased)                                           |
| Continuous charging current  | 0-150A                                                             |
| Continuous discharge current | 0-150A                                                             |
| Charge end voltage           | 58.4V                                                              |
| Discharge end voltage        | 44.8-46.5V                                                         |
| Interface                    | Rs232 / Rs485 / CAN                                                |
| cycle life                   | 6000                                                               |
| protection function          | Overshoot/overdischarge/short circuit/<br>overload/overtemperature |
| Weight                       |                                                                    |
| Size                         | 688*356*H840mm                                                     |

|                              |                                                                    |
|------------------------------|--------------------------------------------------------------------|
| Model Name                   | JD-D300                                                            |
| Operating temperature range  | -20-60°C                                                           |
| IP Grade                     | Ip20                                                               |
| AC input Voltage Range       | 170-280Vac                                                         |
| Frequency                    | 50Hz/60 Hz                                                         |
| Max.AC charging current      | 80A                                                                |
| PV input                     |                                                                    |
| Max.power                    | 5500W                                                              |
| Max.open voltage             | 550V                                                               |
| MPPT input voltage range     | 120-450Vdc                                                         |
| Max.input current            | 100A                                                               |
| AC Output                    |                                                                    |
| Rated power                  | 5500VA/5500W (Can be optional)                                     |
| Voltage                      | 230Vac±5%                                                          |
| Rated Current                | 23.9A                                                              |
| PV Output                    |                                                                    |
| Max.Power                    | 5500W                                                              |
| Max.Charging Current         | 100A                                                               |
| Battery Type                 | Li-Battery                                                         |
| Voltage Range                | 40-60Vdc                                                           |
| Rated Voltage                | 51.2Vdc                                                            |
| Battery Energy               | 24576WH                                                            |
| Battery Ca Pacity            | 320Ah (Can be increased)                                           |
| Continuous charging current  | 0-150A                                                             |
| Continuous discharge current | 0-150A                                                             |
| Charge end voltage           | 58.4V                                                              |
| Discharge end voltage        | 44.8-46.5V                                                         |
| Interface                    | Rs232 / Rs485 / CAN                                                |
| cycle life                   | 6000                                                               |
| protection function          | Overshoot/overdischarge/short circuit/<br>overload/overtemperature |
| Weight                       |                                                                    |
| Size                         | 688*356*H1109mm                                                    |

|                              |                                                                    |
|------------------------------|--------------------------------------------------------------------|
| Model Name                   | JD-D400                                                            |
| Operating temperature range  | -20-60°C                                                           |
| IP Grade                     | Ip20                                                               |
| AC input Voltage Range       | 170-280Vac                                                         |
| Frequency                    | 50Hz/60 Hz                                                         |
| Max.AC charging current      | 80A                                                                |
| PV input                     |                                                                    |
| Max.power                    | 5500W                                                              |
| Max.open voltage             | 550V                                                               |
| MPPT input voltage range     | 120-450Vdc                                                         |
| Max.input current            | 100A                                                               |
| AC Output                    |                                                                    |
| Rated power                  | 5500VA/5500W (Can be optional)                                     |
| Voltage                      | 230Vac±5%                                                          |
| Rated Current                | 23.9A                                                              |
| PV Output                    |                                                                    |
| Max.Power                    | 5500W                                                              |
| Max.Charging Current         | 100A                                                               |
| Battery Type                 | Li-Battery                                                         |
| Voltage Range                | 40-60Vdc                                                           |
| Rated Voltage                | 51.2Vdc                                                            |
| Battery Energy               | 32768WH                                                            |
| Battery Ca Pacity            | 320Ah (Can be increased)                                           |
| Continuous charging current  | 0-150A                                                             |
| Continuous discharge current | 0-150A                                                             |
| Charge end voltage           | 58.4V                                                              |
| Discharge end voltage        | 44.8-46.5V                                                         |
| Interface                    | Rs232 / Rs485 / CAN                                                |
| cycle life                   | 6000                                                               |
| protection function          | Overshoot/overdischarge/short circuit/<br>overload/overtemperature |
| Weight                       |                                                                    |
| Size                         | 688*356*H1374mm                                                    |



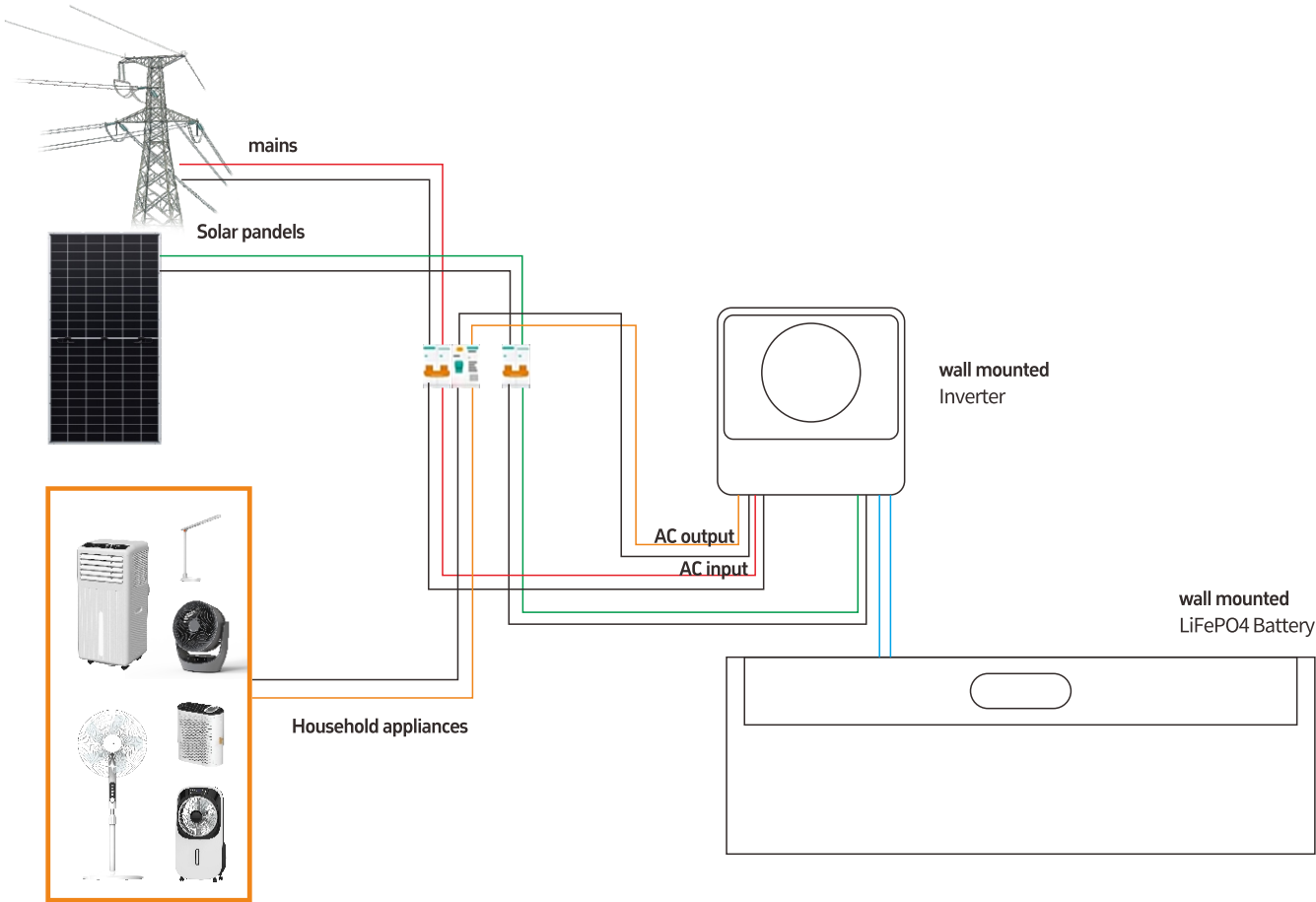
wall mounted  
 Solar Energy Storage  
 System



JD-G80

wall mounted  
 LiFePO4 Battery

8.0 kWh /  
 Battery Energy  
 51.2V 160A



| BATTERY 51.2V 160A           | 8192WH                                                             |
|------------------------------|--------------------------------------------------------------------|
| Normal Charging Voltage      | 51.2V                                                              |
| Maximum Charging Current     | 160A                                                               |
| Battery Energy               | 8192Wh                                                             |
| Continuous charging current  | 0~150A                                                             |
| Continuous discharge current | 0~150A                                                             |
| Charge end voltage           | 58.4V                                                              |
| Discharge end voltage        | 44.8-46.5V                                                         |
| Interface                    | RS232 RS485 CAN                                                    |
| Working Temperature          | - 20~60°C                                                          |
| cycle life                   | >6000                                                              |
| protection function          | Overshoot/overdischarge/short circuit/<br>overload/overtemperature |
| Weight                       | ≈60KG                                                              |
| Size                         | 1100*425*145mm                                                     |



LiFe P04  
BATTERY

Stackable batteries

Deep Cycle Rechargeable  
LiFePO4 Battery Paack

It can be connected in series and parallel.



12.8V 100AH

JD-L1280

| BATTERY                                              | 12.8V 100AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 1280WH      |
| Normal Charging Voltage                              | 14.6V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 10V         |
| Recommended Discharge Termination Voltage            | 11.2V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 14.6V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 177*201*390 |
| Weight(kg)                                           | ≈12.2KG     |



12.8V 200AH

JD-L2560

| BATTERY                                              | 12.8V 200AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 2560WH      |
| Normal Charging Voltage                              | 14.6V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 10V         |
| Recommended Discharge Termination Voltage            | 11.2V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 14.6V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 177*201*730 |
| Weight(kg)                                           | ≈22.7KG     |

12.8V 300AH

JD-L3840



25.6V 100AH

JD-L2560-1



25.6V 200AH

JD-L5120



25.6V 300AH

JD-L7680



| BATTERY                                              | 12.8V 300AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 3840WH      |
| Normal Charging Voltage                              | 14.6V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 10V         |
| Recommended Discharge Termination Voltage            | 11.2V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 14.6V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 247*255*440 |
| Weight(kg)                                           | ≈28.3KG     |

| BATTERY                                              | 25.6V 100AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 2560WH      |
| Normal Charging Voltage                              | 29.2V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 20V         |
| Recommended Discharge Termination Voltage            | 22.4V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 29.2V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 247*255*440 |
| Weight(kg)                                           | ≈23KG       |

| BATTERY                                              | 25.6V 200AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 5120WH      |
| Normal Charging Voltage                              | 29.2V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 20V         |
| Recommended Discharge Termination Voltage            | 22.4V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 29.2V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 247*255*680 |
| Weight(kg)                                           | ≈41.5KG     |

| BATTERY                                              | 25.6V 300AH |
|------------------------------------------------------|-------------|
| Watt-Hour                                            | 7680WH      |
| Normal Charging Voltage                              | 29.2V       |
| Maximum Charging Current                             | 150A        |
| Discharge Termination Voltage                        | 20V         |
| Recommended Discharge Termination Voltage            | 22.4V       |
| Maximum Discharge Current                            | 150A        |
| Single Cell Charging Overvoltage Protection          | 3.7V        |
| Overvoltage Protection For The Whole Battery         | 29.2V       |
| Low voltage Protection For The Single Cell Discharge | 2.5V        |
| Charge Overcurrent Protection                        | 150A-200A   |
| Discharge Overcurrent Protection                     | 150A-300A   |
| Working Temperature                                  | -15°C~+55°C |
| Stotage Temperature                                  | -20°C~+50°C |
| Dimensions(mm)                                       | 247*255*750 |
| Weight(kg)                                           | ≈53.3KG     |



Portable power station  
enjoy camping

High Power LiFePO4  
Sudden Power outage/Long Battery Life



A6 12.8V/47A/600WH

| 600W AC output solar power system |                                                   |
|-----------------------------------|---------------------------------------------------|
| Battery type                      | 12.8V 47AH, 600WH lithium iron phosphate          |
| Inverter power                    | constant power 1000W, peak power 2000W            |
| Solar panel & Charging time       | 18V 100W, 6.5 hours                               |
| Charging time                     | 2.5 hours of mains charger; With built-in charger |
| Cigarette lighter connection port | 1PCS 12V 20A                                      |
| AC output: 3PCS 220V              | 3PCS 220V                                         |
| DC5521 Output port                | 3PCS 12V                                          |
| USB-A                             | 5V/9V 2.4A 1PCS 5V 2.4A 2PCS                      |
| USB-C                             | 5V/9V/20V 3A PCS                                  |
| LED brightness                    | 1000 lm                                           |
| LED life                          | 50,000 hours                                      |
| Material                          | Flame retardant ABS                               |
| Carton size                       | 33.5*24.5*27.5cm 1pcs/ctn                         |
| Size                              | 300*200*220mm (system host)                       |
| Warranty                          | Warranty: 2 years                                 |



A10 12.8V/80A/1000WH

| 1000W AC output solar power system |                                                |
|------------------------------------|------------------------------------------------|
| Battery type                       | 12.8V 80AH, 1000WH lithium iron phosphate      |
| Inverter power                     | constant power 1000W, peak power 2000W         |
| Solar panel & Charging time        | 18V 100W, 10 hours                             |
| Charging time                      | 3.5 hours mains charger; With built-in charger |
| Cigarette lighter connection port  | 1PCS 12V 20A                                   |
| AC output: 3PCS 220V               | 3PCS 220V                                      |
| DC5521 Output port                 | 3PCS 12V                                       |
| USB-A                              | 5V/9V 2.4A 1PCS 5V 2.4A 2PCS                   |
| USB-C                              | 5V/9V/20V 3A PCS                               |
| LED brightness                     | 1400 lm                                        |
| LED life                           | 50,000 hours                                   |
| Material                           | Flame retardant ABS                            |
| Carton size                        | 300*200*255mm (system host)                    |
| Size                               | 33.5*24.5*31cm 8.26kg/pcs 9.05kg/ctn           |
| Warranty                           | 2 years                                        |



A20 25.6V/80A/2000WH

| 2000W AC output solar power system |                                                |
|------------------------------------|------------------------------------------------|
| Battery type                       | 25.6V 80AH, 2000WH lithium iron phosphate      |
| Inverter power                     | constant power 2000W, peak power 3000W         |
| Solar panel & Charging time        | 36V 200W, 10 hours                             |
| Charging time                      | 3.5 hours mains charger; With built-in charger |
| Cigarette lighter connection port  | 1PCS 12V 20A                                   |
| AC output: 3PCS 220V               | 4PCS 220V                                      |
| DC5521 Output port                 | 3PCS 12V                                       |
| USB-A                              | 5V/9V 2.4A 1PCS 5V 2.4A 2PCS                   |
| USB-C                              | 5V/9V/20V 3A PCS                               |
| LED brightness                     | 1600 lm                                        |
| LED life                           | 50,000 hours                                   |
| Material                           | Flame retardant ABS                            |
| Carton size                        | 410*270*280mm (system host)                    |
| Size                               | 47*37*33cm 21kg/pcs 22.5kg/ctn                 |
| Warranty                           | 2 years                                        |



A3 12.8V/15.5A/200WH

| 300W AC output solar power system |                                           |
|-----------------------------------|-------------------------------------------|
| Battery type                      | 12.8V 15.5AH 200WH lithium iron phosphate |
| Inverter power                    | Power 300W, peak 500W                     |
| Solar panel & Charging time       | 18V 50W, 5H                               |
| Charging time                     | 3.5 hours for mains charger               |
| AC output                         | 1PCS 220V                                 |
| DC5521 Output port                | 2PCS 12V                                  |
| USB-A: 5V 2A 2PCS                 | 5V 2A 2PCS                                |
| LED brightness: 200 lm            | 200 lm                                    |
| LED life                          | 50,000 hours                              |
| Material: Flame retardant ABS     | Flame retardant ABS                       |
| Size                              | 280*210*80mm (system host)                |
| Carton size                       | 470*310*360cm 2.2kg/pcs 20kg/carton 8pcs  |
| Warranty                          | 2 years                                   |



Portable power station  
enjoy camping

High Power LiFePO4  
Sudden Power outage/Long Battery Life



KN-LP0070BP 120V/22A/614WH

| 700W AC output solar power system |                                       |
|-----------------------------------|---------------------------------------|
| Battery type                      | lithium iron phosphate                |
| Inverter power                    | constant power 1000W,peak power 2000W |
| Solar panel&Charging time         | 18V 100W,10hours                      |
| Charging time                     | 3.5 hours mains charger               |
| Cigarette lighter connection port | 12V 20A                               |
| Car charger                       | Car port                              |
| DC 5521 Output port               | 13.6V/8A                              |
| USB-A                             | 18W                                   |
| USB-C                             | 12W                                   |
| LED light output                  | 3W                                    |
| LED life                          | 50,000 hours                          |
| Material                          | Flame retardant ABS                   |
| Carton size                       | 425mm*320mm*290mm/1pc                 |
| Size                              | 304mm*204mm*144mm                     |
| Warranty                          | 2 years                               |



KN-LP0070PSC 120V/22A/614WH

| 700W AC output solar power system |                                       |
|-----------------------------------|---------------------------------------|
| Battery type                      | lithium iron phosphate                |
| Inverter power                    | constant power 1000W,peak power 2000W |
| Solar panel&Charging time         | 18V 100W,10hours                      |
| Charging time                     | 3.5 hours mains charger               |
| Cigarette lighter connection port | 12V 20A                               |
| AC Output                         | 120V 50/60Hz 700W                     |
| DC 5521 Output port               | 13.6V/8A                              |
| USB-A                             | 18W                                   |
| USB-C                             | 12W                                   |
| LED light output                  | 3W                                    |
| LED life                          | 50,000 hours                          |
| Material                          | Flame retardant ABS                   |
| Carton size                       | 425mm*320mm*335mm/1pc                 |
| Size                              | 304mm*204mm*189mm                     |
| Warranty                          | 2 years                               |



KN-0071 120V/22A/614WH

| 700W AC output solar power system |                                       |
|-----------------------------------|---------------------------------------|
| Battery type                      | lithium iron phosphate                |
| Inverter power                    | constant power 1000W,peak power 2000W |
| Solar panel&Charging time         | 18V 100W,10hours                      |
| Charging time                     | 3.5 hours mains charger               |
| Cigarette lighter connection port | 12V 20A                               |
| Car charger                       | Car port                              |
| DC 5521 Output port               | 13.6V/8A                              |
| USB-A                             | 18W                                   |
| USB-C                             | 12W                                   |
| LED light output                  | 3W                                    |
| LED life                          | 50,000 hours                          |
| Material                          | Flame retardant ABS                   |
| Carton size                       | 515mm*330mm*605mm/2pc                 |
| Size                              | 396mm*210mm *189mm                    |
| Warranty                          | 2 years                               |





OUTDOOR EMERGENCY  
POWER SUPPLY

Portable energy storage  
1024wh small body with high energy

1024Wh 12. 8V/80A



S10 12.8V/80A/1024WH

| 1000W AC output solar power system |                                |
|------------------------------------|--------------------------------|
| Battery Capacitor                  | 12.8V 80AH 1000WH              |
| Inverter power                     | Power 1000W, peak 2000W        |
| Solar panel & Charging time        | 18V 100W, 10H                  |
| Charging time                      | 3.5-4hours Built-in charger    |
| AC output                          | 1PCS 220V                      |
| DC5521 Output port                 | 2PCS 12V                       |
| USB-A                              | 5V/9V 2.4A 2PCS                |
| USB-C                              | 5V/9V 2.4A 2PCS                |
| LED brightness                     | 200 lm                         |
| LED life                           | 50,000 hours                   |
| Material                           | Flame retardant ABS            |
| Product Size                       | 200*240*585mm (system host)    |
| Outer box size                     | 65*26*30.5cm 1pc/ctn 15.6kg/ch |

USB interface  
Type-C  
DC  
SOLAR input  
AC Input  
AC220v output





# PRODUCT CLASSIFICATION

Expert of Renewable Energy & Energy Storage Solution



Solar System



Inverter



Battery



Outdoor mobile  
power supply



Solar Panel





# DEHUMIDIFIER



MODEL: KN-D7542  
Wattage: 300W  
Water tank: 2L  
Dehumidification capacity: 16L  
Area:  $\leq 32\text{m}^2$   
3-color light  
With universal wheel  
Automatic defrosting  
Water full stop working  
Function:  
Dry clothes  
Dehumidification  
24-hours timer  
child lock



TOILET



BEDROOM

# PORTABLE AIR CONDITIONER



2 Speed ( High/Low)  
4 Mode ( Cool / Fan / Dry / Full )  
Timer: 24 hours  
LED night Light  
Temperature: 16-31°C  
Swing: up and down  
With remote control  
Carton: 35.5X35.5X87cm/1pc



KN-A7502C





# SMART PURIFYING FAN



## MODEL: KN-6397

- 1.Environmental quality indicator function: blue, green, yellow, red four color indication
- 2.Ambient light: 0.2W SMD UVC/265-275nm
- 3.PM2.5 sensor
- 4.Fan switch: Sleep/Low/High speed
- 5.Mode: ECO/AUTO/ Fan mode/Purify mode/Purify fan, long press to wifi mode
6. Light switch: Fan atmosphere lamp/Purified UV lamp/Fan atmosphere lamp + purified UV lamp/OFF  
Press and hold the light button to open/close the child lock
7. Oscillating switch: left and right /up and down /up and down + Left and right
8. PM2.5 switch: PM10/PM2.5/PM1.0, after the switch is completed, the display will automatically change to PM2.5 within 5 seconds
- 9.Filter switch: Press to check the HEPA service life. Press and hold: The reset life is accumulated
- 10.Carton: 71X38X36cm/1pc



HarmonyOS  
Connect



# RECHARGEABLE TABLE FAN

MODEL:KN-5232B/L5232B



6V4.5Ah lead acid battery (KN-5232B)

7.4V3.6Ah lithium battery (KN-L5232B)

4pcs led light

2PCS DC input socket for solar panel to charge

2PCS DC output socket for led bulb to use

With mobile charge socket

High/middle/low speed fan function

0.5 hour timer function

Product size: 33.6x23.2x56.2cm

Packing size: 50.4X44.5X37cm/3pcs





Fan Coil Unit

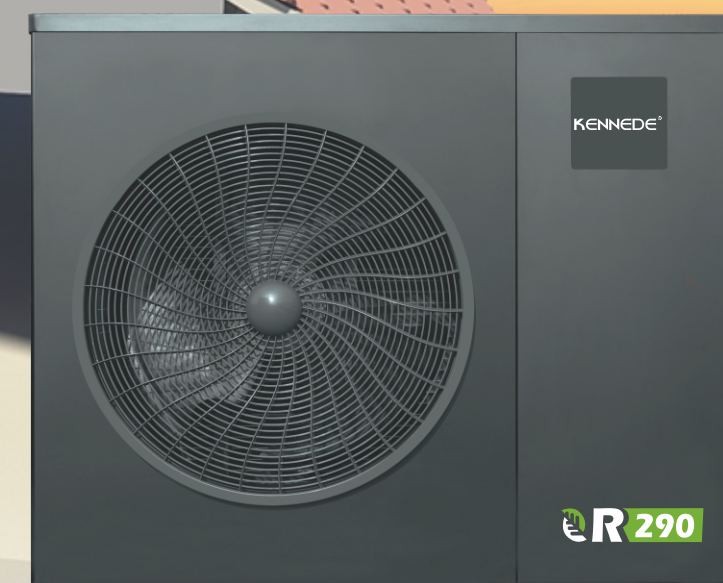
Domestic Hot Water

Solar Panel

**ONE** system  
for **ALL** needs

Floor Loop and Radiator

Hydronic Module  
\* optional with Mono and Split type







Ecological solutions for space heating & cooling and domestic hot water



| Model                                          |                |    | 8kW                                                      | 10kW         | 12kW                                   | 14kW         | 16kW         |    |
|------------------------------------------------|----------------|----|----------------------------------------------------------|--------------|----------------------------------------|--------------|--------------|----|
| Power supply                                   |                |    | 220-240V~/1ph/50Hz                                       |              | 220-240V~/1ph/50Hz, 380-415V~/3ph/50Hz |              |              |    |
| Heating A7W35                                  | Capacity       | kW | 8.8                                                      | 10.1         | 12.3                                   | 14.5         | 16.1         |    |
|                                                | Rated input    | kW | 1.69                                                     | 2.08         | 2.35                                   | 2.87         | 3.35         |    |
|                                                | COP            |    | 5.22                                                     | 4.86         | 5.23                                   | 5.06         | 4.82         |    |
| Heating A7W45                                  | Capacity       | kW | 8.4                                                      | 10.1         | 12.7                                   | 14.6         | 16.2         |    |
|                                                | Rated input    | kW | 2.14                                                     | 2.69         | 3.41                                   | 3.99         | 4.63         |    |
|                                                | COP            |    | 3.93                                                     | 3.75         | 3.73                                   | 3.66         | 3.43         |    |
| Heating A7W55                                  | Capacity       | kW | 7.8                                                      | 9.6          | 12.4                                   | 14.2         | 15.9         |    |
|                                                | Rated input    | kW | 2.42                                                     | 3.14         | 4.11                                   | 4.42         | 5.52         |    |
|                                                | COP            |    | 3.22                                                     | 3.06         | 2.94                                   | 3.12         | 2.88         |    |
| Cooling A35/W18                                | Capacity       | kW | 8.2                                                      | 10.2         | 12.1                                   | 13.7         | 15.2         |    |
|                                                | Rated input    | kW | 2.04                                                     | 2.33         | 2.94                                   | 3.55         | 4.32         |    |
|                                                | EER            |    | 4.02                                                     | 4.38         | 4.12                                   | 3.85         | 3.52         |    |
| Cooling A35/W7                                 | Capacity       | kW | 7.6                                                      | 8.8          | 11.8                                   | 12.9         | 15.4         |    |
|                                                | Rated input    | kW | 2.33                                                     | 2.84         | 4.1                                    | 4.67         | 5.78         |    |
|                                                | EER            |    | 3.26                                                     | 3.01         | 2.88                                   | 2.76         | 2.66         |    |
| Seasonal space heating energy efficiency class | LWT at 35℃     |    | A+++                                                     | A+++         | A+++                                   | A+++         | A+++         |    |
|                                                | LWT at 55℃     |    | A++                                                      | A++          | A++                                    | A++          | A++          |    |
| SCOP                                           | LWT at 35℃     |    | 5.03                                                     | 4.72         | 4.62                                   | 4.69         | 4.58         |    |
|                                                | LWT at 55℃     |    | 3.66                                                     | 3.47         | 3.56                                   | 3.48         | 3.27         |    |
| Refrigerant                                    | Type           |    | R32                                                      |              |                                        |              |              |    |
|                                                | Charged        | kg | 1.42                                                     | 1.42         | 1.84                                   | 1.84         | 1.84         |    |
| GWP value                                      |                |    | 675                                                      | 675          | 675                                    | 675          | 675          |    |
| Equivalent CO <sub>2</sub>                     |                |    | Ton                                                      | 1.01         | 1.01                                   | 1.49         | 1.49         |    |
| Compressor                                     | Brand          |    | Mitsubishi/Panasonic                                     |              |                                        |              |              |    |
| Outdoor fan                                    | Motor type     |    | Brushless DC motor                                       |              |                                        |              |              |    |
|                                                | Number of fans |    | 1                                                        | 1            | 1                                      | 1            | 1            |    |
| Air side heat exchanger                        |                |    | Material Hydrophilic aluminum & Inner groove copper tube |              |                                        |              |              |    |
| Fan motor                                      | Motor type     |    | BLDC                                                     |              |                                        |              |              |    |
|                                                | Motor Brand    |    | Panasonic                                                |              |                                        |              |              |    |
| Throttle type                                  |                |    | Electronic expansion valve                               |              |                                        |              |              |    |
| Water side heat-exchanger                      |                |    | Plate heat exchanger                                     |              |                                        |              |              |    |
| Sound power level                              |                |    | dB                                                       | 59           | 60                                     | 64           | 65           | 68 |
| Water resistance                               |                |    | IPX4                                                     |              |                                        |              |              |    |
| OU Net/Gross weight                            | Net/Gross      | kg | 69/83                                                    | 71/85        | 78/92                                  | 97/116       | 97/116       |    |
| IU Net/Gross weight                            | Net/Gross      |    | 22/31                                                    | 22/31        | 26/35                                  | 31/37        | 31/37        |    |
| Outdoor unit Dimension (L×W×H)                 | Net            | mm | 1135×370×653                                             | 1135×370×653 | 1135×370×653                           | 1203×481×700 | 1203×481×700 |    |
|                                                | Packing        | mm | 1260×488×832                                             | 1260×488×832 | 1260×488×832                           | 1305×495×840 | 1305×495×840 |    |
| Indoor unit Dimension (L×W×H)                  | Net            | mm | 580*300*750                                              | 580*300*750  | 580*300*750                            | 580*300*750  | 580*300*750  |    |
|                                                | Packing        | mm | 620*350*810                                              | 620*350*810  | 620*350*810                            | 620*350*810  | 620*350*810  |    |
| Operating temperature                          | Cooling        | ℃  | -5 to 43                                                 |              |                                        |              |              |    |
|                                                | Heating        | ℃  | -25 to 35                                                |              |                                        |              |              |    |
|                                                | DHW            | ℃  | -25 to 43                                                |              |                                        |              |              |    |

Note:  
1. The above data test reference standard EN14511; EN14825; EN50564; EN12102; (EU) No:811/2013; (EU)No:813/2013; OJ 2014/C 207/02.  
2. Sound power test condition: EN12102-1