

RW-F10.6



- Safer**
 Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan and high-energy density. Low Voltage safety connection.
- High Performance**
 Maximum support 1C charge and 1.2C discharge.
 Maximum 6000 cycles at 90% DOD, and 5 years standard warranty.
- Reliable**
 Built-in Intelligent BMS, providing complete protection. Natural cooling, IP65, wide temperature range: -20°C to 55°C.
- Flexible**
 Modular design, easy to expand, Max. 32 units in parallel, Max. capacity of 340kWh. Suited to residential and commercial applications for increasing the self-consumption ratio.
- Convenient**
 Battery module auto networking(No DIP switch code), easy maintenance, support Deye remotely monitoring and upgrade.
- Eco-Friendly**
 - Use environmental protection materials, the whole module non-toxic, pollution-free.
- Two Mounting Methods**
 - Flat design, Wall-mounted with Wall Bracket, Floor Stand with removable base, saving installation space.

Technical Data

| Model | | RW-F10.6 |
|---|---|------------------------------|
| Main Parameter | | |
| Battery Chemistry | LiFePO4 | |
| Built-in Circuit Breaker | 125A 2P, 60Vdc | |
| Capacity (Ah) | 208 | |
| Scalability | Max. 32 pcs pack (Max.340kWh) in parallel | |
| Nominal Voltage (V) | 51.2 | |
| Operating Voltage (V) | 43.2~57.6 | |
| Nominal Energy (kWh) | 10.64 | |
| Usable Energy (kWh) ^[1] | 9.58 | |
| Charge/Discharge Current (A) ^[2] | Recommend | Charge: 104 / Discharge: 104 |
| | Max | Charge: 200 / Discharge: 240 |
| | Peak | 300 (2mins, 25°C) |
| Other Parameter | | |
| Recommend Depth of Discharge | 90% | |
| Dimension (W/H/D, mm) | 600*750*200 (Without hanging board) | |
| Weight Approximate (kg) | 99 | |
| Master LED Indicator | LED (SOC:20%~SOC100% and working state) | |
| IP Rating of Enclosure | IP20 | |
| Operating Temperature | Charge: 1°C~53°C / Discharge: -20°C~53°C | |
| Recommend Operating Temperature | 15°C~35°C | |
| Storage Temperature | 0°C~35°C | |
| Humidity | 5%~95% | |
| Altitude | ≤3000m | |
| Cycle Life | ≥6000 (25°C±2°C, 0.5C/1C,90%DOD, 70%EOL) | |
| Installation | Wall-Mounted, Floor-Mounted | |
| Communication Port | CAN2.0, RS485 | |
| Warranty Period ^[3] | 5 years | |
| Energy Throughput | 32MWh (25°C, 0.5C/1C, 70%EOL) | |
| Certification | UN38.3, MSDS, CE, CB | |

[1] DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Conditions apply, refer to Deye Warranty Letter.