

Grade A LFP(lithium iron phosphate) cells to ensure safety and performance



Long Cycle Life Minimum  
**6,500**  
Cycles

1 LFP (lithium iron phosphate) cell to ensure the highest safety

Multiple Modes Of Operation

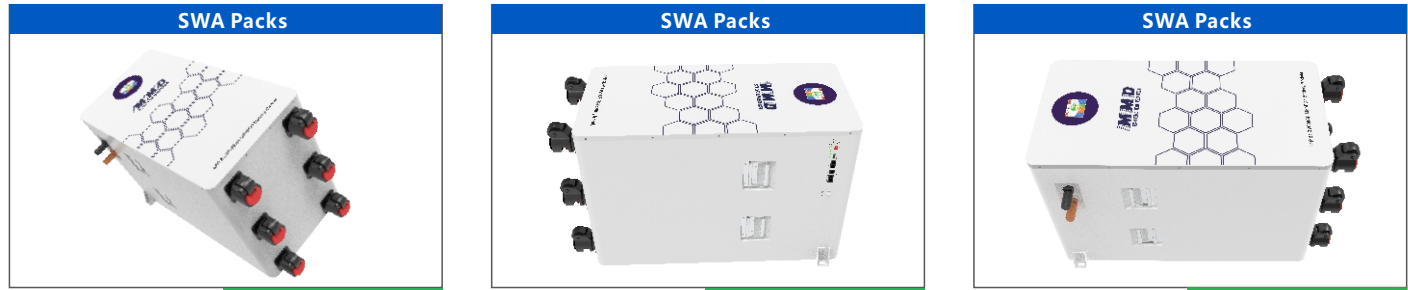
Customized Logo

Multiple Shell Colors

Customized Capacity

WiFi & Bluetooth

2 Product Details



- LFP (lithium iron phosphate) cell to ensure the highest safety
- Built-In BMS protects the cell such as Temperature, Current, Voltage, SoC
- SoH Extra long cycle life times with 6500 cycles with 80% DoD
- Compatible with most of the available Inverters
- Possibility of parallel connection with up to 16 pieces

LOW VOLTAGE SERIES



- 1)Optimal self-consumption during day&night.
- 2)Independence from solar radiation and public grid.
- 3)Economic,cost-cutting and ecofriendly.
- 4)Lightweight,safe and space saving.
- 5)Modular installation:the storage capacity can be adapted to your needs.

SWA-WM-16S400/600

General Information

|                              |             |          |
|------------------------------|-------------|----------|
| Rated Voltage                | 51.2Vdc     |          |
| Rated Capacity               | 400Ah       | 600Ah    |
| Rated Energy                 | 20.48kWh    | 30.72kWh |
| Output Voltage Range         | 44.8V-57.6V |          |
| Charging Voltage (MAX)       | 58.4V       |          |
| Cut-Off Voltage              | 40V         |          |
| IP Rating                    | IP 52       |          |
| Recommended Charging Current | 80A         | 120A     |
| Max. Discharging Current     | 200A        |          |
| Efficiency (Round Trip)      | ≥98%        |          |

Physical Information

|                                  |                          |             |
|----------------------------------|--------------------------|-------------|
| Dimension L*W*H( mm )            | 700*413*528              | 825*413*528 |
| Weight ( Kg )                    | ≈175                     | ≈233.5      |
| Humidity                         | 5%~95% Relative Humidity |             |
| Charging Temperature             | 0°C~55°C                 |             |
| Discharging Temperature          | -20°C~55°C               |             |
| Storage Temperature              | -10°C~30°C               |             |
| Cycle Life (0.2C, @25°C, 80%DoD) | ≥6500 Times              |             |
| Design Life                      | 15 to 20 Years           |             |
| Mounting Options                 | Mobilel or Floor         |             |