

## 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



### 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.

### EcoSolaris-WM8-16S100/200

Rated Voltage	51.2Vdc
Rated Capacity	280Ah
Rated Energy	14.34kWh
Output Voltage Range	44.8V-57.6V
Charging Voltage (MAX)	58.4V
Cut-Off Voltage	40V
IP Rating	IP 21
Recommended Charging Current	56A
Max. Discharging Current	150A
Efficiency (Round Trip)	≥98%
Dimension L*W*H (mm)	715*550*255
Weight ( Kg )	≈116
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 (0.2°C, @25°C, 80%DoD)	≥6500 Times
Design Life	≥15 Years
Mounting Options	Wall/Floorl

### General Information

### Physical Information