

# WALL MOUNT 25.6V 200Ah

## Technical Specifications

### TEMPERATURE SPECIFICATIONS

Charge Temperature	0° à 45 °C
High Disconnect Temperature / Reconnection In Charge (BMS)	65 °C / 60 °C
Low Disconnect Temperature / Reconnection In charge (BMS)	-0 °C / 3 °C
Discharge Temperature	-20 à 60 °C
High Disconnect Temperature / Reconnection In discharge (BMS)	65 °C / 60 °C
Low Disconnect Temperature / Reconnection In Discharge (BMS)	-20 °C / -15 °C
Storage Temperature	-10 à 50 °C
Voltage Storage	> 26.5 V

### DISCHARGE SPECIFICATIONS

Continuous Discharge Current	150 A
Peak Discharge Current 1	200 A (30s)
Peak Discharge Current 2	300 A (1s)
Low Voltage Disconnect (BMS)	20 V
Low Voltage Reconnect (BMS)	24 V

### ELECTRICAL SPECIFICATIONS

Voltage	25.6 Volt
Capacity	200 A
Capacity @ 20A	600 min
Energy	5120 W
Auto-Discharge	<2% par Mois
Maximum Unit In Série OR Parallel	2/4

### CHARGE SPECIFICATIONS

Recommended Charge Current	40 A
Maximum Charge Current	150 A
Recommended Charge Voltage	28.8 - 29.2V (Bulk) 27.2V (Float)
High Voltage Disconnect (BMS)	30.8V (2s)
High Voltage Reconnect (BMS)	28.8V

### NUMBER OF CYCLES ACCORDING TO THE DISCHARGE %

Discharge 80%	6000 cycles
Discharge 90%	4000 cycles
Discharge 100%	3000 cycles

State of Health of 83% after 3560 cycles at 100% DOD @ 1C

### MECHANICAL SPECIFICATIONS

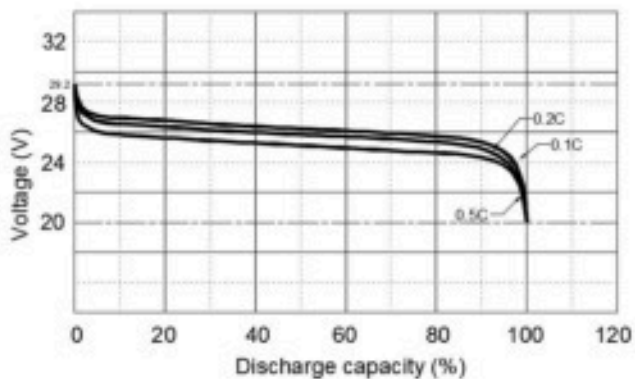
Dimensions (LxWxH)	365 x 400 x 235 mm
Weight	104 lbs
Terminal Type	M8

### CERTIFICATIONS & CONCEPTION

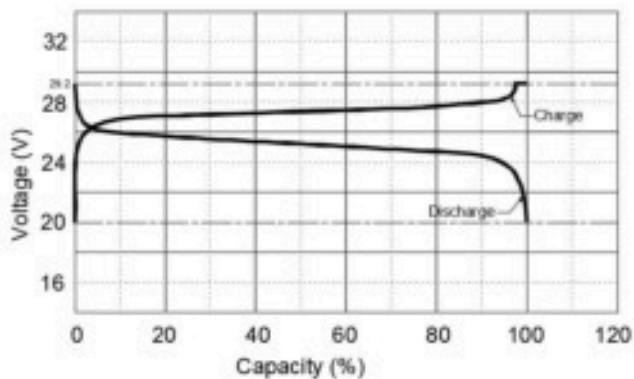
Conception	8S2P
Certifications	UL1642   CE   RoHs
Shipping Classification	UN 3480   CLASS 9
Cell Type	SquareCell - LiFePO4 - 3.2V 100A Grade A+



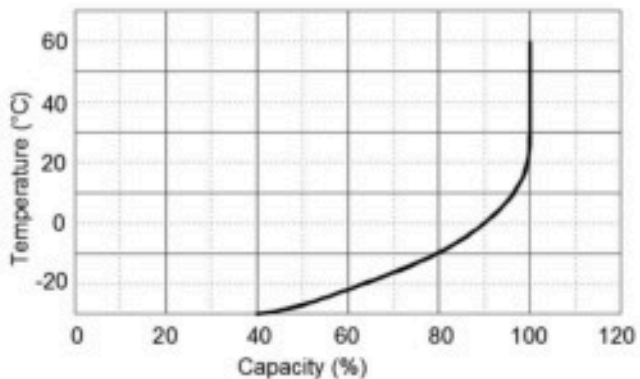
Discharge performance with different rate @ 25°C



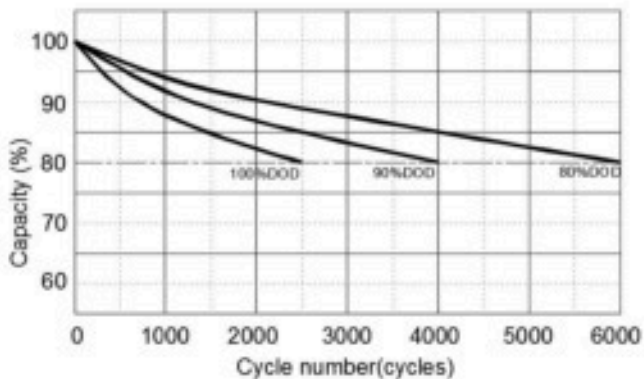
Charge & Discharge curve with 0.5C @ 25°C



Discharge capacity with different temperature @ 0.5C



Cycle life with DOD @ 0.5C. 25°C



Self-discharge @ different temperature

