

# BATTERY MODEL: 12.8V 60AH LIFEPO4

Description	Technical Specification	Remark
Nominal Capacity	60Ah	Capacity according to standard charge and Discharge
Nominal Voltage	12.8V	The average value of working voltage during the whole discharge process.
Nominal Wattage	768Wh	
Internal Impedance of Pack	$\leq 2.5\text{m}\Omega$	Internal Impedance calculated after series and parallel configuration
Type of Cell	Cylindrical	<b>Part No. 32650</b>
Capacity of Individual Cell	$\leq 3.2\text{V} - 6000\text{mAh}$	A Grade Cell with IR < 8mΩ
Configuration	4S-10P	4 in Series and 10 in Parallel
Charge Current	5-8A	Constant Charge
Discharge Current	20A	Constant Discharge
Charge Cut-Off Voltage	14.6V	Protected with Balancing BMS
Discharge Cut-Off Voltage	10.5V	Protected with Balancing BMS
Working Temperature (Charging)	0-45°C	Under constant charge
Working Temperature (Discharging)	20-55°C	Under constant discharge
Weight	4.48kG	Approx
Dimension	Length (mm)	170mm
	Width (mm)	140mm
	Height (mm)	150mm
Cycle Life	$\geq 2000$	With 80% DOD
Storage Temperature	1 – 3 Month	20 - 60°C
	1 – 6 Month	20 - 45°C
Battery (LCV)	Provided	
Battery (HCV)	Provided	
Battery Reverse Protection	Provided	