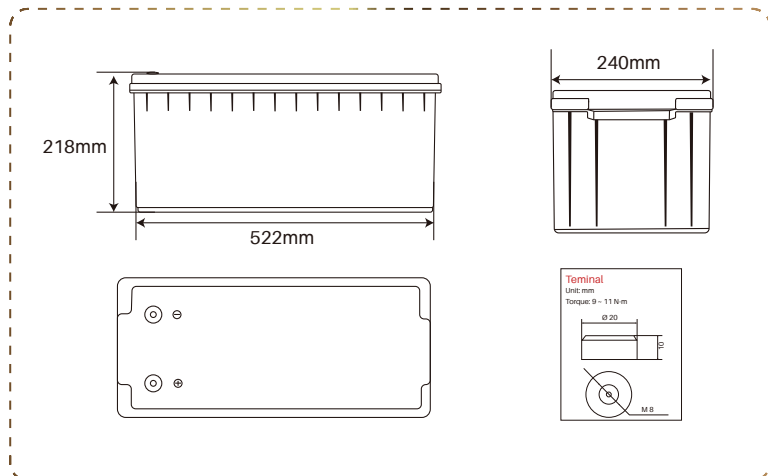


PB-36-100



LITHIUM BATTERY

Strong Advantages

- 6 Years Warranty
- Replacement of lead-acid battery
- Lighter weight and easier to handle
- Lithium iron phosphate is more stable
- Maximum service life of over 6000 cycles
- Long-lasting modular construction
- Screw opening, perfect crafted internal structure design

BMS

Battery Management System

The BMS monitors and controls the individual cells of a battery and protects them from damage, such as overload and overvoltage

BLUETOOTH 4.0 INTEGRATED Multiple Battery Monitoring Function

Perfektium Pro APP can monitor up to 8 batteries at the same time. The SOC, voltage, current, temperature, available time of the batteries can be detective.



Specification

Items	Characteristics
Model	38.4V 100Ah/ 3840Wh
Replaces Gel-AGM battery	38.4V 200Ah
Cell type	Prismatic cell
Dimension with terminals (L x W x H)	522*240*218mm
Weight (No Accessories)	31.25Kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	≤10 mΩ
Recommended Charge Voltage	43.8V
Float Charge Voltage (For standby use)	27.6±0.8V
Recommended Charge Current	20A
Max Charge Current	50A
Continuous Discharge Current	150A
Peak Discharge Cut-Off Current	500A±60A(250-1000mS)
Operating Voltage Range	30 - 43.8V
End of Discharge Voltage Range	30 - 33.6V
Terminal Type	M8
Ingress Protection Code	IP65
Charge Temperature	0~50°C
Discharge Temperature	-20~75°C
Storage Temperature	-5~35°C
Storage Condition	Charging the battery every 3 months
Series & Parallel Availability	36V installation, Maximum 2 pcs in parallel only
Certifications	CE/UL/UN38.3 /MSDS /ROHS/UN 3480/ CLASS9/ECE R10