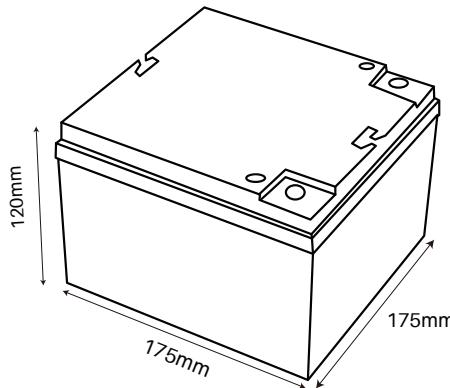


PB-12-27



• LITHIUM BATTERY

Strong Advantages

- 6 Years Warranty
- Extremely lightweight and exceptionally high 5C continuous discharge capability
- 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



AVAILABLE ON

▶ Google Play

AVAILABLE ON

App Store

- **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	12.8V 27Ah/345Wh
Replaces Gel-AGM battery	12.8V 54Ah
Cell type	Prismatic cell
Dimension with terminals (L x W x H)	175*175*120mm
Weight (No Accessories)	3,6kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	$\leq 5.0 \text{ m}\Omega$
Recommended Charge Voltage	14.6V
Float Charge Voltage(For standby use)	$13.8 \pm 0.8\text{V}$
Recommended Charge Current	5.4A
Max Charge Current	27A
Continuous Discharge Current	135A
Peak Discharge Cut-Off Current	300A 2s / 200A 7s
Operating Voltage Range	10 - 14.6V
End of Discharge Voltage Range	10 - 11.2V
Terminal Type	M6
Ingress Protection Code	IP65
Charge Temperature	0~45°C
Discharge Temperature	-10~60°C
Storage Temperature	-5~35°C
Storage Condition	Charging the battery every 3 months
Series & Parallel Availability	Maximum 4 pcs in series and 4 pcs in parallel
Certifications	CE/UL/UN38.3 /MSDS /ROHS/UN 3480/ CLASS9/ECE R10