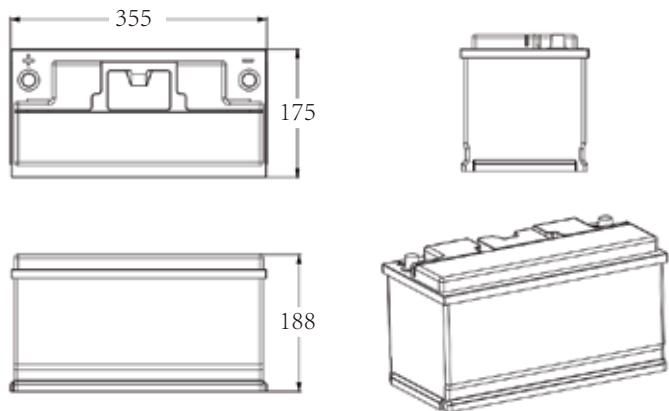


PF-Underseat-12-150H



• 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

• 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.

• ELECTRIC HEATING FILM

- Some of the Perfektium lithium batteries are equipped with heating films. You can use the battery in temperatures as low as -35 degrees Celsius when acting the heating films
- The heating film is an IP material and the heating effect is even
- The heating films do not consume any power from the battery itself

• BMS

Battery Management System

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



Specification

Items	Characteristics
Model	12.8V 150Ah/1920Wh
Replaces Gel-AGM battery	12.8V 300Ah
Cell type	Prismatic cell
Dimension with terminals (L x W x H)	355*175*188mm
Weight (No Accessories)	15,6Kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	$\leq 7 \text{ m}\Omega$
Recommended Charge Voltage	14.6V
Float Charge Voltage (For standby use)	$13.8 \pm 0.8\text{V}$
Recommended Charge Current	45A
Max Charge Current	75A
Continuous Discharge Current	200A
Peak Discharge Cut-Off Current	600A (200~500ms)
Operating Voltage Range	10 - 14.6V
End of Discharge Voltage Range	10 - 11.2V
Terminal Type	SAE-Standard
Ingress Protection Code	IP65
Charge Temperature	0~50°C
Discharge Temperature	-20~75°C
Storage Temperature	-5~35°C
Heater Operating Temperature	-35~5°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