PERFEKTIUM
Lithium Batterie

6 Year Warranty — PERFEKTIUM

PF-Underseat-12.8V 150Ah Heating

355
175
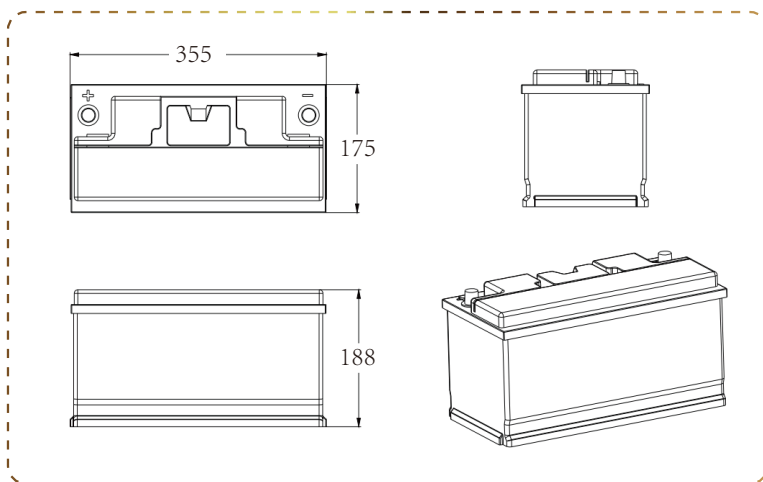188

● LITHIUM BATTERY

Strong Advantages

- 6 Years Warranty
- Directly eliminate 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
- Electric heating film patented technology

● ELECTRIC HEATING FILM

Patented Technology

- All the Perfektium lithium batteries with heating module, up to -35 degrees
- The heating film is an IP material and the heating is even
- BMS has a heating control function, to ensure that the battery itself is not consumed
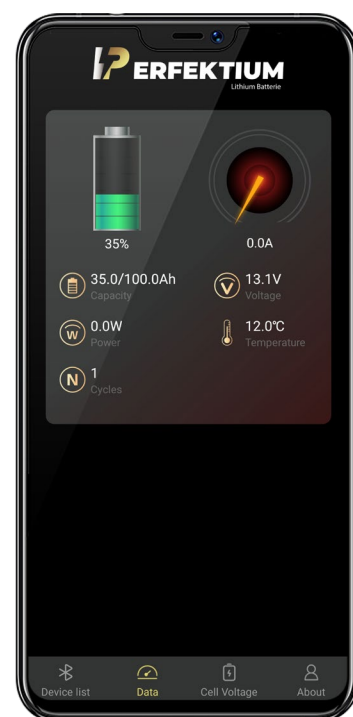
● BMS

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 now. The SOC, voltage, current, temperature, available time of the battery set can be detective.

Available time 2.6 H

PARALLEL

50%

capacity:120/300Ah

Voltage **13.12** V Current **21.08** A

CC12100–0401
48% | 13.12V | 3.6A | 30W | 5 | 40/100Ah

CC12100–0402
10% | 13.12V | 3.6A | 30W | 5 | 40/100Ah

PERFEKTIUM
Lithium Batterie

35% | 0.0A

35.0/100.0Ah Capacity | 13.1V Voltage

0.0W Power | 12.0℃ Temperature

1 Cycles

Device list | Data | Cell Voltage | About

Specification

Items	Characteristics
Model	12.8V 150Ah/ 1920Wh
Dimension (L x W x H)	355×175×188mm
Weight (No Accessories)	16.4Kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	≤15 mΩ @ 50% SOC
Recommended Charge Voltage	14.6V
Float Charge Voltage(For standby use)	13.8±0.8V
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	9.2 - 11.2V
Terminal Type	M8
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	Only 4 parallel at most
Certifications	CE/UL/UN38.3/MSDS/ROHS/UN 3480/CLASS 9