IDEALAKKU

IDEALAKKU SPECIFICATION SHEET

IA-12-310H

LITHIUM BATTERY

Strong Advantages

- 3 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.

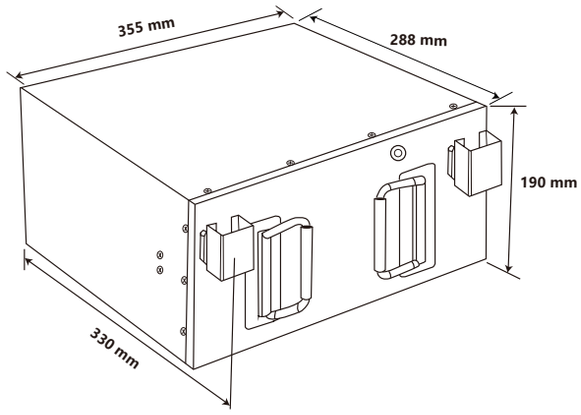
BLUETOOTH 4.0 INTEGRATED

Android

iOS

ELECTRIC HEATING FILM

- Some of the Idealakku 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



3 Jahre Garantie

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Specification

Items	Characteristics
Model	12.8V 310Ah/3968Wh
Replaces Gel-AGM battery	12.8V 620Ah
Cell type	Prismatic cell
Dimension with terminals (L x W x H)	355*288*190mm
Weight (No Accessories)	30.1Kg
Cycle Life	>6000@80%D.o.D
Internal Resistance	≤7 mΩ
Recommended Charge Voltage	14.6V
Float Charge Voltage(For standby use)	13.8±0.8V
Recommended Charge Current	90A
Max Charge Current	155A
Continuous Discharge Current	300A
Peak Discharge Cut-Off Current	600A (200~500ms)
Operating Voltage Range	10 - 14.6V
End of Discharge Voltage Range	10 - 11.2V
Terminal Type	M8
Ingress Protection Code	IP62
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

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