

12.8V

Li-ion battery for video surveillance



This series Li-ion batteries are special designed for the video surveillance market. It is suitable for the areas without main power, and can be widely used in agriculture, forestry, water conservancy, electric power, rail transit and other industries.

- Integrated PV charge control and BMS inside, dual battery safety management and protection, heating control and other functions, and remote real-time monitoring of battery information, including SOC, SOH, cell status, solar parameters, etc. .
- Adopts long-life LFP cell, which has higher safety and excellent high-temperature and low-temperature discharge performance.
- Integrated heating unit, support -30 ~+55°C widely temperature range.
- IP67 waterproof design, suitable for outdoor and harsh environment.
- Quickly installation and maintenance free. Professional waterproof connector, LED indicators for SOC, charging and discharging, ON/OFF button, easily to check the product status at any time.

LIPV100A

12.8V 100AH 1280WH

SPECIFICATION

Model	LIPV100A
Nominal Voltage [Vdc]	12.8
Nominal Capacity [Ah]	100
Energy [Wh]	1280
Max Charge Current [A]	20
Max Discharge Current [A]	10
PV Input Voltage [Vdc]	14V~18Vdc
EOD Voltage [Vdc]	11.6
Temperature Range [°C]	-30 ~+55°C(integrate heater parts inside)
Dimension(W*H*D)[mm]	170*119*826
Weight [Kg]	12.5
IP Class	IP67
Case Material	Aluminum
Connector	Input for solar panel : 2pin Output for load and communication : -4pin
Design Life	10 Years
Cycle Life	>4000
Communication	RS485
Protect Function	Over voltage, Low voltage, Over current, Low temperature, High temperature, Input shortcircuit, Input reverse

PRODUCT DIMENSIONS

