

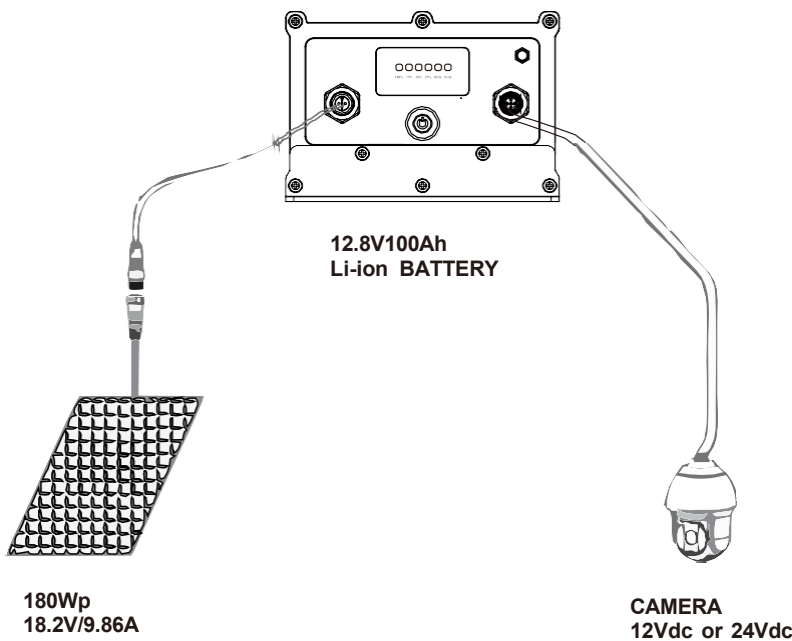
This guide provides guidance on the safe and effective installation and operation 12.8V100Ah Li-ion battery for camera.

The battery input is solar panel and output include 12Vdc/24Vdc power output and RS485

CAUTION

- Due to the regulations governing the transportation of Lithium Ion cells and batteries internationally. The battery is only 50% SOC during transport. Please charge battery fully in the first use.
- Before connecting any electrical cable, Turn OFF the batteries by press the ON/OFF button.
- Avoid any fall or collision during the installation process.
- Do not remove the battery components. The maintenance of the battery should be carried out by a professional engineer.
- Do not expose the Li-ion battery to heat in excess of 55°C during operation, 60 °C in storage.

Production Introduction



ON/OFF Button

OFF mode

During in transport, BMS ON/OFF button is at OFF status. it will turn off the BMS power supply.

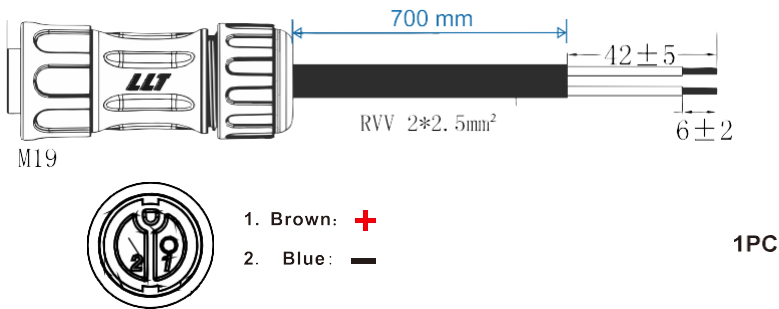
ON mode

By press ON/OFF button to active BMS to enter into working mode and LEDs display will show SOC

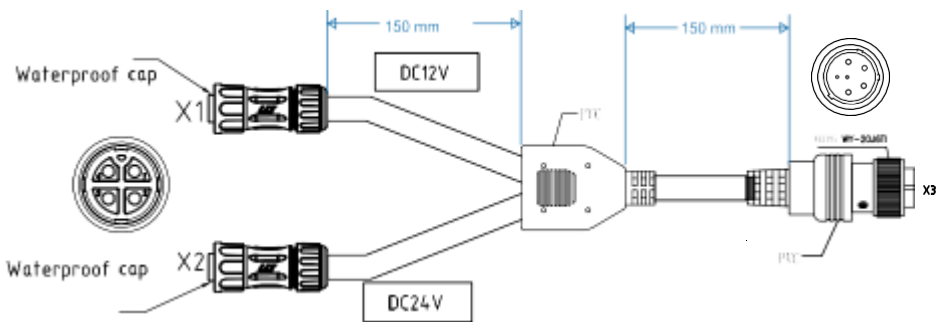
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Accessories

Input power cable for PV

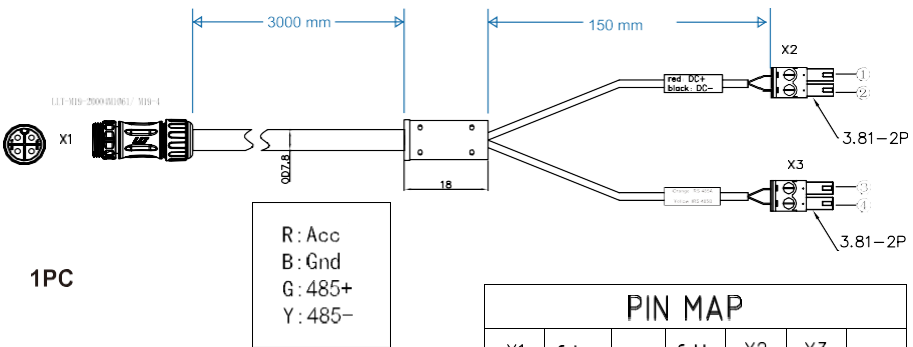


Output power cable for PV



PIN MAP

X3	Color		Cable	X1	X2
1	RED	DC12V+	16AWG	1	
2	BLACK	DC12V-	16AWG	2	
3	RED	DC24V+	16AWG		1
4	BLACK	DC24V-	16AWG		2
5	Orange	485_A	24AWG	3	3
6	Yellow	485_B	24AWG	4	4

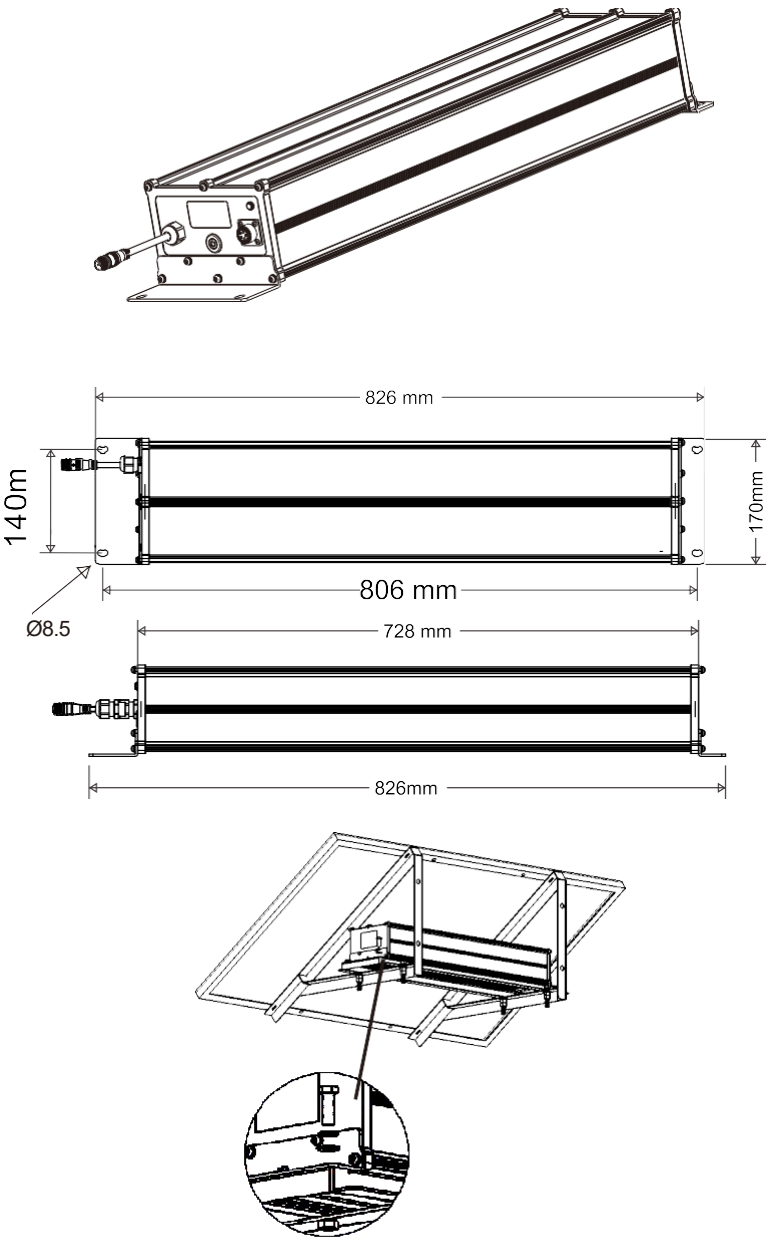


PIN MAP

X1	Color		Cable	X2	X3	
1	Red	ACC	16AWG	1		Power
2	Black	GND	16AWG	2		
3	Orange	485A	24AWG		4	COM
4	Yellow	485B	24AWG		3	

2

Mechanical Installation



Note:
Photovoltaic panels need to pay attention to the direction during installation

