



14.4V

20.7Ah

Lilon

298Wh

Waterproof Energy Storage System Self Contained Lithium Ion Battery

FEATURES

The LIBM-OAR14421 is a self-contained 14.4V Lithium Ion battery pack which provides a reliable and consistent power output of up to 20.7Ah (298Wh).

Designed within a high-quality waterproof, dustproof and shockproof IP67 case, the LIBM-OAR battery is suitable for all type of outdoor applications.

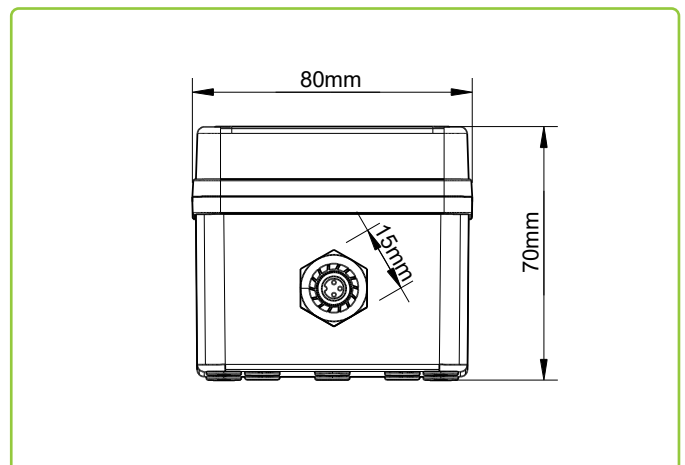
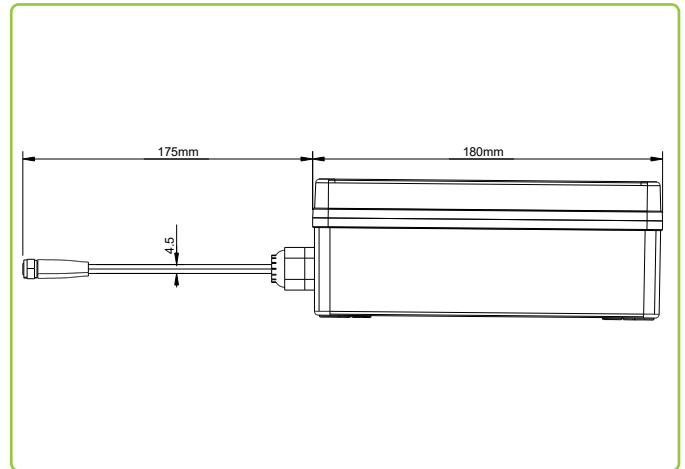
It is equipped with an IP67 DC connector, capable of supplying current up to 5A to the load; and a protection circuit module for over-charge, under-discharge, over-current and short-circuit scenarios.

The unit includes a IP67 DC Female pigtail to be installed in any device.



SPECIFICATIONS

Model Number	LIBM-OAR14421	
Battery Type	Chemistry	Lithium Ion (Lilon)
	Pack Configuration	4S6P
	Battery cell	INR18650-35E SAMSUNG 3.6V 3.5Ah
	Capacity [Ah]	20.7Ah
	Power [Wh]	298.08Wh
Voltage	Nominal Voltage	14.4 VDC
	Voltage Range	9 ~ 12.6 VDC
Current	Nominal Current	5A (continuous discharging)
	Maximum Current	7A (maximum peak)
Protections	Over-charging	YES
	Under-discharging	YES
	Over-current	YES
	Short-circuit	YES
Connector	IP67 DC 5.5mm x 2.1mm - male	
Charger*	CC/CV 16.8VDC	
	3A recommended (5A max)	
Dimensions	80mm (W) x 70mm (H) x 180mm (L)	
Weight	1490g	
Temperature	Charging	0°C to +45°C
	Discharging	-20°C to +60°C
	Storage	-20°C to +60°C
Ingress Protection Rating	IP67 - Waterproof, dustproof and shockproof	



*FY1703000 charger recommended. Not included.

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