



10.8V

13.8Ah

Lilon

149Wh

## Waterproof Energy Storage System Self Contained Lithium Ion Battery

### FEATURES

The LIBM-OAR10814 is a self-contained 10.8V Lithium Ion battery pack which provides a reliable and consistent power output of up to 13.8Ah (149Wh).

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

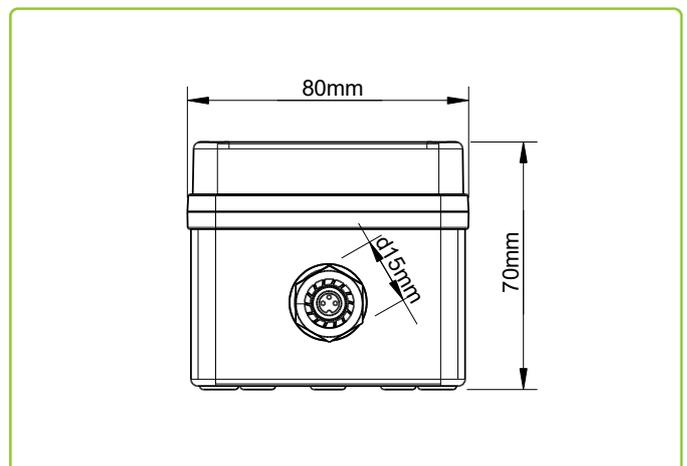
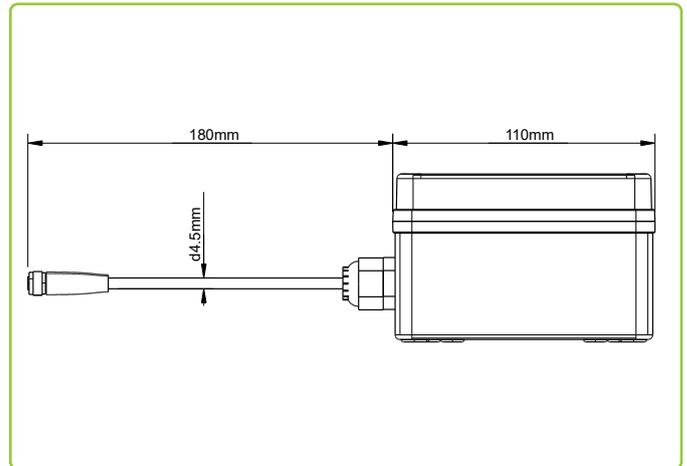
It is equipped with an IP67 DC connector, capable of supplying current up to 5A to the load; and a protection circuit module for over-charge, under-discharge, over-current and short-circuit scenarios.

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



### SPECIFICATIONS

<b>Model Number</b>	LIBM-OAR10814	
<b>Battery Type</b>	Chemistry	Lithium Ion (Lilon)
	Pack Configuration	3S4P
	Battery cell	INR18650-35E SAMSUNG 3.6V 3.5Ah
	Capacity [Ah]	13.8Ah
	Power [Wh]	149.04Wh
<b>Voltage</b>	Nominal Voltage	10.8 VDC
	Voltage Range	9 ~ 12.6 VDC
<b>Current</b>	Nominal Current	5A (continuous discharging)
	Maximum Current	7A (maximum peak)
<b>Protections</b>	Over-charging	YES
	Under-discharging	YES
	Over-current	YES
	Short-circuit	YES
<b>Connector</b>	IP67 DC 5.5mm x 2.1mm - male	
<b>Charger*</b>	CC/CV 12.6VDC	
	3A recommended (5A max)	
<b>Dimensions</b>	80mm (W) x 70mm (H) x 110mm (L)	
<b>Weight</b>	810g	
<b>Temperature</b>	Charging	0°C to +45°C
	Discharging	-20°C to +60°C
	Storage	-20°C to +60°C
<b>Ingress Protection Rating</b>	IP67 - Waterproof, dustproof and shockproof	



\*FY1263000 charger recommended. Not included.

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