



14.4V

30Ah

Lilon

432Wh

Energy Storage System (Portable) Self Contained Lithium Battery in Ruggedised Pelican Case

FEATURES

The LIBM-ESS14430 is a self-contained 14.4V Lithium Ion battery pack mounted in a high quality and environmentally resistant case, which provides a reliable and consistent power output of up to 30Ah (432Wh).

It is equipped with three output connectors, two cigarette lighters and one SB50, capable of supplying 20A to the load; and one DC input connector for charging. Furthermore, the battery pack possesses a fuel gauge display to monitor the output voltage and state-of-charge at all times.



SPECIFICATIONS

| | | |
|----------------------------------|--|-----------------------------------|
| Model Number | LIBM-ESS14430 | |
| Battery Types | Chemistry | Lithium Ion (Lilon) |
| | Pack Configuration | 4S6P |
| | Battery cell | INR26650-50A 3.6V 5Ah |
| | Capacity [Ah] | 30Ah |
| | Capacity [Wh] | 432Wh |
| Input ⁽¹⁾ | DC charging voltage | 16.8V (Use original charger only) |
| | DC charge connector | DC 5.5mm x 2.5mm - male |
| Output | DC voltage | 14.4V (nominal) |
| | DC current | 20A max total |
| | Cigarette Lighter | 2 ports |
| | Anderson SB50 | 1 port |
| | Fuel Gauge | Output Voltage Indicator |
| | SOC Indicator | YES |
| Dimensions | 240mm x 198mm x 109mm (9.44in x 7.8in x 4.29in) | |
| Weight | 3.4kg | |
| Temperature | Charging | 0°C to 45°C |
| | Discharging | -20°C to 60°C |
| | Storage | -20°C to 60°C |
| Ingress Protection Rating | IP66 | |



⁽¹⁾ This battery module comes supplied with the Enepower charger model [FY1703000](#).

All specifications are correct at time of creation. All specifications and operation conditions contained in this datasheet are subject to change or improvement without prior notice to the user. This data is for evaluation purposes only. No guarantee is intended or implied by this data. For clarification and updated information, please contact us • APR 20

