

TECHNICAL SHEET

12V 100AH BATTERY

HYBRID CRANKING



CHARGE SPECIFICATIONS

Recommended charge current	5 A - 50 A
Maximum charge current	100 A
Recommended charge voltage	14.2 V - 14.6 V (Bulk) 13.6 V (Float)
High voltage disconnect	16.7 V
High voltage reconnect	16.4 V

DISCHARGE SPECIFICATIONS

Continuous discharge current	100 A
Peak discharge current	800 A (1s)
Low voltage disconnect	10 V
Low voltage reconnect	12 V
Short circuit protection	Yes

TEMPERATURE SPECIFICATIONS

Discharge temperature	-20 to 60 °C
Charge temperature	0 to 45 °C
High disconnect temperature	60 °C
High reconnect temperature	55 °C
Storage temperature	-10 to 50 °C

NUMBER OF CYCLES ACCORDING TO THE DISCHARGE %

Discharge 30%	8200 < cycles
Discharge 80%	6000 < cycles
Discharge 100%	3000 < cycles

ELECTRICAL SPECIFICATIONS

Voltage	12.8 volt
Capacity	100 Ah
Capacity @ 20A	300 min
Energy	1280 Wh
Auto-discharge	<3% per month
Maximum unit in series	4
Maximum unit in parallel	4

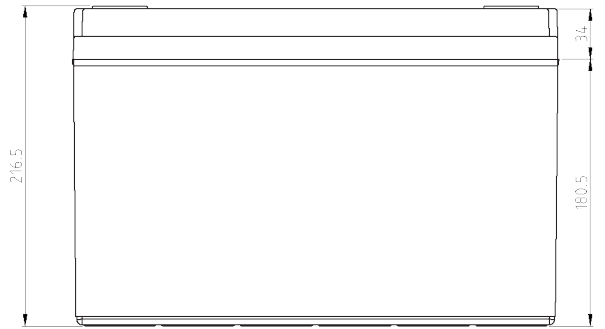
MECHANICAL SPECIFICATIONS

Dimensions (LxWxH) 318 X 175 X 190 mm
 Group 24 12.52 X 6.89 X 7.48 po

Weight 25 lbs

Terminal type M8

Ingress protection marking IP55



CERTIFICATIONS & CONCEPTION

Conception 4S4P

Certifications CE | UL1973 | RoHS | IEC62619

Shipping classification UN 3480 | CLASS 9

Cell type SquareCell - LiFePO4 - 3.2V 100A Grade A+

