

ES^AUL

LITHIUM IRON PHOSPHATE BATTERY

LiFePO₄

12.8V 100Ah 1280Wh



Features:

Light weight, small size

· Conveniently light as well as powerful making life batteries very versatile

Long service life

· LFP Deep Cycle Battery have a long service life these batteries will provide you with 2,000 complete charge and discharge cycles

High energy density

· LFP Deep Cycle Battery Store much more energy compared with lead-ac-id batteries LFP Deep Cycle Battery have a deep charge rate providing maximum versatility

SPECIFICATIONS

Nominal voltage	12.8V
Nominal capacity	200Ah
Cell type	3.2V 100Ah LiFePO ₄ Prismatic Lithium iron phosphate battery cell
Battery configuration	4S2P
Internal resistance	≤120mΩ
End of charge voltage	14.6V
End of charge current	200mA
End of discharge voltage	10V
Charge method	CC/CV(constant current/constant voltage)
Max continuous charge current	50A (suggestion), 100A also ok
Max continuous discharge current	100A
Max pulse discharge current	200A/5S
Net weight	200Ah: 22 kg
Case material	ABS or metal case or stainless steel case
Case dimension	525*230*220mm (black) (all dimension can be customized)
Warranty	5 years for seller
Built-in BMS	Monitoring of cell and PCB temperature, current, voltage, cell balancing, etc
Terminal Type	M8 or anderson or another bolt screw
Lifecycle	Deep cycle life 2000 times, 80%doD, 5000 times , 65% doD, 8000 times, 40% doD
Charge temperature	0~45°C
Discharge temperature	-20~60°C
Storage temperature	-10~45°C



ES^AUL