



More Usable Energy

90% depth of discharge



High Energy

Single cell with 230Ah



High Expansibility

Max 63 batteries in parallel. Scalable from 11.67kWh to 735.43kWh



Flexible Installation

Wall mounted or floor stand



Smart Display Screen

Touchscreen-control. Real-time battery status display



Perfect Compatibility

Compatible with mainstream inverter brand

Model	NEPTUNE-512230
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	230 Ah
Battery Energy	11.776 kWh
Charge Voltage	55.68~56.16 Vdc
Discharge Voltage	45.6~56.16 Vdc
Maximum Charge Current	100 A
Maximum Discharge Current	200 A
Maximum Charge Power	5120 W
Max Discharge Power	10240 W
Short circuit current	540 A
Communication	
Display	LED indicator+ LCD Display
Communication	RS232、RS485、CAN
General Specification	
Dimension (WxDxH mm)	465x186x695 mm
Weight (Kg)	83.5 kg
Installation	Floor Stand or Wall Mount
WorkingTemperature	-20°C~60°C
Storage Temperature	≤25°C,12 months; ≤35°C,6 months; ≤45°C,3 months
Operating /Storage /humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL
Warranty	5 years
Scalability	Max 63 batteries in paralle
Ordering and Deliverable Part	
Product ordering part	NEPTUNE-512230 battery (cable/wall mount included)