





More Usable Energy
90% depth of discharge



High Efficiency
Full-time 1C discharge



Flexible Installation
Wall mounted or floor stand



High Expansibility
Scalable from 5.12kWh to 76.8kwh



Safe&Reliable
Lithium iron phosphate cell
Cobalt free



Perfect Compatibility
Compatible with mainstream inverter brand

Model	NEPTUNE-512100
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5120 Wh
Charge Current	50 A
Charge Power	2560 W
Discharge Current	100 A
Discharge Power	5120 W
Short Circuit Current	350 A
Communication	
Display	Color Touchscreen
Communication	RS232、RS485、CAN
General Specification	
Dimension (WxDxH mm)	440x138x600 mm
Weight (Kg)	47.3 kg
Installation	Floor Stand or Wall Mount
Working Temperature	-20°C~60°C
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
Scalability	Max 15 batteries in paralle
Warranty	5 years
Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product ordering part	NEPTUNE-512100 (Cable /Wall Mount Included)