



More Usable Energy

90% Depth of Discharge



Flexible Investment

Scalable From 15.36 to 967.68 kWh



Safe & Reliable

Lithium Iron Phosphate Cell



Easy Installation

Floor Stand



Quick Commissioning

Color Touchscreen



Perfect compatibility

Compatible with DEYE, GOODWE, GROWATT, SOLIS, SOFAR, LUXPOWER, TBB ... Hybrid Inverter

Model	NEPTUNE-512300-G3
Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	300 Ah
Battery Energy	15.36 kWh
Charge Current	150 A
Charge Power	7680 W
Discharge Current	200 A
Discharge Power	10240 W
Short Circuit Current	540 A
Charge Voltage	55.68~56.16 Vdc
Discharge Voltage	45.6~56.16 Vdc
Communication	
Display	SOC status indicator, LED indicator, LCD Display
Communication	RS232, RS485, CAN
General Specification	
Dimension (WxDxH mm)	780x500x230 mm
Weight (Kg)	120 kg
Installation	Floor Stand
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 63 batteries in paralle
Warranty	5 years
Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product ordering part	NEPTUNE-512300 Battery (Cable included)