



High Expansibility

Scalable from 2.56kWh to 20.48kwh



Safe&Reliable

Lithium iron phosphate cell
Cobalt free



Easy Maintenance

Easy emergency recharge

Model	Neptune-256100
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Performance	
Nominal Voltage	25.6 Vdc
Nominal Capacity	100 Ah
Battery Energy	25.6V,100Ah,2.56 kWh
Charge Current	50 A
Charge Power	1280 W
Discharge Current	100 A
Discharge Power	2560 W
Short Circuit Current	≈2000 A

General Specification	
Dimension (WxDxH mm)	330x150x420 mm
Weight (Kg)	26 kg
Installation	Wall Mount
Display	LCD Display
Working Temperature	-20°C~55°C
Operating/Storage	≤ 95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DOD/25°C/0.5C
Scalability	Max 2 batteries in series Max 4 batteries in parallel
Warranty	5 years

Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3

Ordering and Deliverable Part	
Product ordering part	Neptune-256100 Battery