



**RELIABLE**  
Grade A  
LiFePO<sub>4</sub> Cell

**CALABLE**  
Scalable From 1.3  
To 20.8 kWh

Model	POWER 1280-12.8V
-------	------------------

Performance	
Nominal Ratings	12.8 V, 102 Ah, 1280 Wh
Bulk Charge V	14 V
Float Charge V	13.8 V
Low Voltage	12.8 V
Cutoff Voltage	11.6 V
Charge Current	50 A
Discharge Current	100 A
Short Circuit Current	≈1000 A

General Specification	
Dimension (WxDxH mm)	340 × 185 × 215mm
Weight (kg)	10.12 kg
Working Temperature	-20°C - 60°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP54
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle Life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 4 batteries in series Max 4 batteries in parallel

Standard Compliance (more available upon request)	
Certificates	CE, UN38.3

Ordering And Deliverable Part	
Product Ordering Part	POWER 1280-12.8V Battery