



Economic & Affordable



High Expansibility
Scalable from 1.28kWh to 20.48kWh



Safe & Reliable
Lithium iron phosphate cell
Cobalt free

Model	LVTS-128100	LVTS-128200
Performance		
Nominal Ratings	12.8 V, 100 Ah, 1.28 kWh	12.8V, 200Ah, 2.56kWh
Bulk Charge Voltage	14 V	
Float Charge Voltage	13.8 V	
Low Voltage	12.8V	
Cutoff Voltage	11.6 V	
Charge Current	50 A	100 A
Discharge Current	100 A	200 A
Short Circuit Current	≈ 1000 A	≈ 2000 A

General Specification		
Dimension (W×D×H mm)	260×168×210mm	520×168×210mm
Weight (Kg)	9.85kg	26kg
Working Temperature	-20°C~60°C	
Operating/Storage	≤ 95%RH	
Max Operating Altitude	≤ 2000m	
IP Rating	IP54	
Cell Technology	LiFePO ₄ , 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	
Warranty	5 years	

Standard Compliance (more available upon request)

Certificates	CE, UN38.3
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Ordering and Deliverable Part

Product ordering part	LVTS-128100 Battery
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