



Economic&Affordable



High Expansibility



Safe&Reliable
Lithium iron phosphate cell
Cobalt free

Model	LVTS-128100-E	LVTS-128200-E	LVTS-128280-E
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Performance			
Nominal Ratings	12.8 V,100 Ah, 1.28kWh	12.8 V,200 Ah, 2.56kWh	12.8 V,280 Ah, 3.58kWh
Bulk Charge Voltage	14 V		
Float Charge Voltage	13.8 V		
Low Voltage	12.8 V		
Cutoff Voltage	11.6 V		
Charge Current	50 A	100 A	150 A
Discharge Current	100 A	200 A	200 A
Short Circuit Current	≈1000 A	≈2000 A	≈2000 A

General Specification			
Dimension (WxDxH mm)	260X168X210 MM	520X168X210 MM	387X206X269 MM
Weight (Kg)	9.85 kg	26 kg	27 kg
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

Ordering and Deliverable Part	
Product ordering part	LVTS-128100 Battery / LVTS-128200 Battery / LVTS-128280 Battery