



SAFE

Grade A
LiFePO₄ Cell

RELIABLE

Compatible with
Major PCS Brand

SCALABLE

Scalable From 28.6
to 2016 kWh

Model	LVTS-512560	LVTS-512628
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Performance		
Nominal Voltage	51.2 Vdc	
Nominal Capacity	560 Ah	628 Ah
Battery Energy	28.6 kWh	32 kWh
Charge Current	150 A	
Charge Power	7.68 kW	
Discharge Current	200 A	
Discharge Power	10.24 kW	
Short circuit current	540 A	

Communication	
Display	Color Touchscreen
Communication	CAN, RS485, RS232

General Specification	
Dimension (WxDxH mm)	800 x 325 x 900 mm
Weight (kg)	240 kg
Installation	Floor Stand
Operating Temperature	Charge: 0~55°C / Discharge: -20°C ~ 55°C
Operating / Storage	≤95% RH
Max Operating Altitude	≤2000 m
IP Rating	IP20
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 80% DoD / 25°C / 0.5C, 60% EOL
Scalability	Max 63 batteries in parallel

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

Ordering and Deliverable Part	
Product ordering part	LVTS-512560 Battery(Cable included) LVTS-512628 Battery(Cable included)