



High Efficiency
Full-time 1C discharge



Flexible Installation
Wall mounted or floor stand



High Expansibility
Scalable from 5.12kWh to 76.8kwh



High Energy Density
Proprietary CTP technology



Safe&Reliable
Lithium iron phosphate cell
Cobalt free



Perfect Compatibility
Compatible with mainstream inverter brand



Model	LVTS-512100-1-G2	LVTS-512100-2-G2	LVTS-512100-3-G2	LVTS-512100-4-G2
Performance				
Nominal Voltage	51.2 Vdc			
Nominal Capacity	100 Ah	200 Ah	300 Ah	400 Ah
Battery Energy	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
Charge Voltage	55.68~56.16 Vdc			
Discharge Voltage	45.6~56.16 Vdc			
Max Charge Current	50 A	100 A	150 A	200 A
Max Charge Power	2500 W	5000 W	7500 W	10000 W
Max Discharge Current	100 A	200 A	200 A	200 A
Max Discharge Power	5000 W	10000 W	10000 W	10000 W
Short circuit current	350 A			
Communication				
Display	SOC statusindicator, LED indicator			
Communication	RS232, RS485, CAN			
General Specification				
Dimension (WxDxH mm)	620X145X435 MM	620X145X816 MM	620X145X1197 MM	620X145X1578 MM
Weight (kg)	45 kg	87.5 kg	130 kg	172.5 kg
Installation	Ground mounted or wall mounted			
Working Temperature	-20°C~60°C			
Storage Temperature	≤25°C,12 months; ≤35°C,6 months; ≤45°C,3 months			
Operating/Storage /humidity	≤95%RH			
Max Operating Altitude	≤2000m			
IP Rating	IP20			
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate			
Cycle life	8000 Cycles @ 80% DOD/25°C/0.5C, 60% EOL			
Scalability	Max 15 batteries in parallel			
Ordering and Deliverable Part				
Product ordering part	LVTS 512100 Battery+ Parallel Cable			
	LVTS 512100 Base + Power Cable			