




 <b>High Efficiency</b> Full-time 1C discharge	 <b>Flexible Installation</b> Wall mounted or floor stand	 <b>High Expansibility</b> Scalable from 5.12kWh to 76.8kWh
 <b>High Energy Density</b> Proprietary CTP technology	 <b>Safe&amp;Reliable</b> Lithium iron phosphate cell Cobalt free	 <b>Perfect Compatibility</b> Compatible with mainstream inverter brand

Model	LVTS-512100-1-G2	LVTS-512100-2-G2	LVTS-512100-3-G2	LVTS-512100-4-G2
<b>Performance</b>				
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	50A	100A	150A	200A
Max Charge Power	2500W	5000W	7500W	10000W
Max Discharge Current	100A	200A	200A	200A
Max Discharge Power	5000W	10000W	10000W	10000W
Short circuit current	350 A			
<b>Communication</b>				
Display	SOC status indicator, LED indicator			
Communication	RS232、RS485、CAN			
<b>General Specification</b>				
Dimension( W×D×H mm)	620×145×435mm	620×145×816mm	620×145×1197mm	620×145×1578mm
Weight (Kg)	45kg	87.5kg	130kg	172.5kg
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	LiFePO4,Lithium Iron Phosphate			
Cycle life	8000 Cycles @ 80% DOD/25 'C/0.5C, 60% EOL			
Scalability	Max 15 batteries in parallel			
<b>Ordering and Deliverable Part</b>				
Product ordering part	LVTS 512100 Battery+ Parallel Cable LVTS 512100 Base + Power Cable			