




 <b>More Usable Energy</b> 90% depth of discharge	 <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>Safe&amp;Reliable</b> Lithium iron phosphate cell Cobalt free	 <b>Perfect Compatibility</b> Compatible with mainstream inverter brand

<b>Model</b>	<b>LVTS-512100-G3</b>
<b>Performance</b>	
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5120 Wh
Charge Current	50 A
Charge Power	2560 W
Discharge Current	100 A
Discharge Power	5120 W
Short Circuit Current	350 A
<b>Communication</b>	
Display	Color Touchscreen
Communication	RS232, RS485, CAN
<b>General Specification</b>	
Dimension (WxDxH mm)	440x138x600 mm
Weight (Kg)	47.3 kg
Installation	Floor Stand or Wall Mount
Working Temperature	-20°C~55°C
Operating/Storage Humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C
Scalability	Max 15 batteries in parallel
Warranty	5 years
<b>Standard Compliance (More Available Upon Request)</b>	
Certificates	CE, UN38.3
<b>Ordering and Deliverable Part</b>	
Product ordering part	LVTS-512100 Battery (Cable /Wall Mount Included)