



More Usable Energy
90% depth of discharge



High Efficiency
Full-time 1C discharge



Flexible Installation
Wall mounted or floor stand



High Expansibility
Scalable from 5.12kWh to 76.8kWh



Safe&Reliable
Lithium iron phosphate cell
Cobalt free



Perfect Compatibility
Compatible with mainstream inverter brand

Model	LVTS-512100-G3
Performance	
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
Communication	
Display	Color touchscreen
Communication	CAN, RS485,RS232
General Specification	
Dimension(W×D×H mm)	440×138×600mm
Weight (Kg)	47.3kg
Installation	Floor stand or wall Mount
Working temperature	-20°C~60°C
Operating / storage humidity	≤ 95%RH
Max operating altitude	≤2000m
IP rating	IP20
Cell technology	LiFePO ₄ , Lithium Iron phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL
Scalability	Max 15 batteries in parallel
Standard Compliance (More Available Upon Request)	
Certificates	CE, UN38.3
Ordering and Deliverable Part	
Product ordering part	LVTS-512100-G3(Cable / wall mount Included)