



More Usable Energy
90% depth of discharge



High Energy
Single cell with 228Ah



High Expansibility
Max 63 batteries in parallel. Scalable
from 11.67kWh to 735.43kWh



Flexible Installation
Wall mounted or floor
stand



Safe&Reliable
Lithium iron phosphate cell
Cobalt free



Perfect Compatibility
Compatible with mainstream
inverter brand



Model	LVTS-512228-G2
Performance	
Nominal voltage	51.2 Vdc
Nominal capacity	228Ah
Battery energy	11.67 kWh
Charge voltage	55.68-56.16 Vdc
Discharge voltage	45.6-56.16 Vdc
Maximum charge current	100A
Maximum discharge current	160A
Maximum charge power	5120W
Maximum discharge power	8192W
Short circuit current	540A
Communication	
Display	LED indicator + LCD display
Communication	RS232, RS485, CAN
General Specification	
Dimension(W×D×H mm)	465×186×695mm
Weight (Kg)	83.5kg
Installation	Floor stand 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	6000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL
Warranty	5 years
Scalability	Max 63 batteries in parallel
Ordering and Deliverable Part	
Product ordering part	LVTS-512228 battery (Cable/wall mount included)