



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



Smart Display Screen
Touchscreen-control. Real-time
battery status display



Perfect Compatibility
Compatible with mainstream
inverter brand



Model	LVTS-512228-G3
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 Mount
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)