



More Usable Energy
90% depth of discharge



High Energy
Single cell with 314Ah



High Expansibility
Max 63 batteries in parallel. Scalable
from 16.07kWh to 1012.83kWh



Flexible Installation
Floor stand with wheels



Safe&Reliable
Lithium iron phosphate cell
Cobalt free



Perfect Compatibility
Compatible with major
inverter brand



Model	LVTS-512314-G4
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Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16.07 kWh
Charge Current	150 A
Charge Power	7680 W
Discharge Current	200 A
Discharge Power	10240 W
Short Circuit Current	540 A

Communication	
Display	SOC status indicator, LED indicator, LCD Display
Communication	RS232, RS485, CAN
Product Features	Automatic sensing fire extinguishing device/Bluetooth/WiFi

General Specification	
Dimension (WxDxH mm)	480x235x874 mm
Weight (Kg)	120 kg
Installation	Floor stand
Working Temperature	-20°C~60°C
Operating/Storage Humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP65
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL
Scalability	Max 63 batteries in parallel
Warranty	10 years

Ordering and Deliverable Part	
Product ordering part	LVTS-512314 Battery (Cable included)