



More Usable Energy
90% depth of discharge



High Energy
Single cell with 300Ah



High Expansibility
Max 63 batteries in parallel. Scalable from 15.36kWh to 967.68kWh



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-512300-G3
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Performance	
Nominal Voltage	51.2 Vdc
Nominal Capacity	300 Ah
Battery Energy	15.36 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	CAN,RS485,RS232

General Specification	
Dimension(W×D×H mm)	500×230×780mm
Weight (Kg)	120kg
Installation	Floor Stand
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 63 batteries in parallel

Standard Compliance (more available upon request)	
Certificates	CE, UN38.3

Ordering and Deliverable Part	
Product ordering part	LVTS-512300 BaMery (Cable included)