



LVTS-512314-G3

Nominal Voltage	51.2 Vdc
Nominal Capacity	314 Ah
Battery Energy	16.07KWh
Working Voltage	56.16 V
Maximum Charge Curr	150 A
Maximum Discharge Current	200 A
Charge Power	7680W
Discharge Power	10240W
Short Circuit Curr	≈540 A
Display	LCD Display
Communication	CAN, RS485, RS232
Dimension (WxDXH mm)	450x230x866 mm
Weight (Kg)	119 kg
Working Temperature	Charge 0°C~45°C / Discharge -20°C~55°C
Storage Temperature	Short Term(within 1 month) -10°C~45°C LongTerm(within 1 year) 0°C~35°C
Storage Humidity	≤ 95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Type	LiFePO ₄ , Lithium Iron Phosphate
Warranty	7 years
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C
Certificates	CE, UN38.3