



More Usable Energy
90% depth of discharge



Highly Integrated
All-In-One design



Easy Installation
Stacked design for both
battery and inverter



High Expansibility
Scalable from 5.12kWh to
20.48kWh

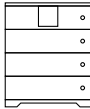
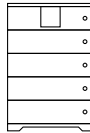


Smart Display Screen
Touchscreen-control.Real-time
battery status display



Perfect Compatibility
Compatible with mainstream
inverter brand



				
Model	LVTS-512100-1-AIO	LVTS-512100-2-AIO	LVTS-512100-3-AIO	LVTS-512100-4-AIO
Inverter Module AIO-LS				
Battery Input	48 VDC,117 A			
Type Of Battery	Lithium			
Rated Power	5000 VA/5000 W			
AC Output	230 VAC,50/60 Hz,22 A,1 Φ			
AC input	230 VAC,50/60 Hz,40 A,1 Φ			
Max.AC Charge Current	80 A			
Max.PV Input Voltage(VOC)	450 VDC			
Max. PV Input Current	18 A			
MPPT Voltage Range	120~430 VDC			
warranty	2 years			
Battery Module AIO-LVTS-512100				
Nominal Voltage	51.2 Vdc			
Nominal Capacity	100 Ah	200 Ah	300 Ah	400 Ah
Battery Energy	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
Charge Voltage	55.68~56.16 Vdc			
Discharge Voltage	45.6~56.16 Vdc			
Max Charge Current	50 A	100 A	150 A	200 A
Max Charge Power	2500 W	5000 W	7500 W	10000 W
Max Discharge Current	100 A	200 A	200 A	200 A
Max Discharge Power	5000 W	10000 W	10000 W	10000 W
Short circuit current	350 A			
Display	SOC status indicator, LED indicator			
Communication	RS232,RS485,CAN			
Dimension (WXDXH mm)	650X380X365	650X380X503.5	650X380X642	650X380X780.5
Weight (kg)	45 kg	87.5 kg	130 kg	172.5 kg
Working Temperature	-20°C~60°C			
Storage Temperature	≥25°C12 months; ≤35 °C,6 months;≤45 °C,3 months			
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate			
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL			
Scalability	Max15batteries in parallel			
warranty	5 years			