



Advanced BMS
Pack level active
balance



Easy Installation
20kg control module
40kg battery module



Flexible Voltage Options
Scalable from 102.4V
to 614.4V



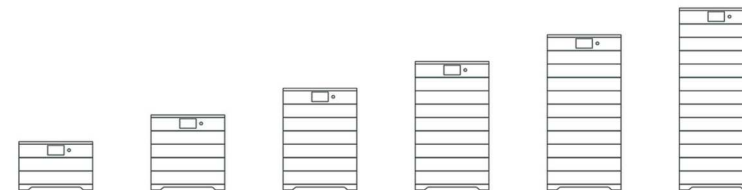
High Expansibility
Max 16 piles in parallel



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



Perfect Compatibility
Compatible with mainstream
inverter brand



Model	LVTS-5220 -HV2	LVTS-5220 -HV4	LVTS-5220 -HV6	LVTS-5220 -HV8	LVTS-5220 -HV10	LVTS-5220 -HV12
Performance						
Nominal voltage(Vdc)	102.4	204.8	307.2	409.6	512	614.4
Operating voltage(Vdc)	83.2-113.6	166.4-227.2	249.6-340.8	332.8-454.4	416-568	499.2-681.6
Nominal capacity(Ah)	102					
Battery energy(kWh)	10.44	20.88	31.32	41.76	52.20	62.64
Charge current(A)	50					
Charge power(W)	5120	10240	15360	20480	25600	30720
Discharge current(A)	80					
Discharge power(W)	8192	16384	24576	32768	40960	49152
Communication						
Display	4.3 inch (16:9) Touch screen					
Communication	CAN					
General Specification						
Dimension(W×D×Hmm)	620×380×506	620×380×783	620×380×1060	620×380×1337	620×380×1614	620×380×1891
Weight (Kg)	110	200	290	380	470	560
Installation	Floor stand					
Working temperature	-20°C~60°C					
Storage humidity	≤95% RH					
Warranty	10 years					
Max operating Altitude	≤2000m					
IP rating	IP65					
Cell technology	LiFePO ₄ ,Lithium Iron phosphate					
Cycle life	6000 Cycles @ 80% DOD/25°C/0.5C, 60% EOL					
Scalability	Max 16 piles in parallel					
Standard Compliance(more available upon request)						
Certificates	CE, UN38.3					
Ordering and Deliverable Part						
Product ordering part	LVTS-5220-HV battery LVTS-5220-HVMain control Level 3 Parallel box					