

HESTIASOLAR MAX SERIES LOW VOLTAGE
LITHIUM BATTERY STACK SYSTEM



- English display summary of all PACK information;Screen direct selection inverter communication protocol.
- Summary switch,to achieve a key switch.
- Stack design allows flexible battery expansion.
- Multiple clusters are parallel.A maximum of eight battery packs can be connected in parallel.

Product parameter

Model	LV1-P10	LV1-P15	LV1-P20	LV2-P20	LV2-P30	LV2-P40
Battery module model	48100	48100	48100	48200	48200	48200
Battery module nominal energy (kWh)	4.8	4.8	4.8	9.6	9.6	9.6
Rated voltage (V)	48	48	48	48	48	48
Number of cell modules in single cluster	2	3	4	2	3	4
Single cluster battery energy (kWh)	9.6	14.4	19.2	19.2	28.8	38.4
Maximum number of clusters in parallel	8					
Operating voltage range (V)	42~54.75					
Recommended Charge Voltage (V)	51.75					
Recommended discharge cut-off voltage (V)	45					
Maximum charge current (A)	0.5C					
Maximum discharge current (A)	0.5C					
Unit cluster size (D*W*H) mm	425*700*672	425*700*964	425*700*1056	479*700*848	479*700*1128	479*700*1408
Unit cluster weight (kg)	145	199	254	228	324	420
Communication mode	CAN/485/bluetooth					
Proper temperature (°C)	-30~60(Recommend 10~35)					
Storage temperature (°C)	-20~65(Recommend 10~35)					
Humidity (%RH)	<85					
Protection level	IP20					
Cooling method	Natural cooling					
Number of cycles	≥8000					
Standard of security	CE,UN38.3,MSDS					
Warranty period	10 Years					

Note:The above data is subject to change without prior notice.