







Residential Low Voltage Battery
51.2V 200Ah



-  High Inverter Compatibility
-  Natural Cooling System
-  >15 Years Life Span
-  Reliable LFP Cells
-  Scalable Up To 164KWh
16(Parallel)
-  6000 Cycles
Cells Cycle Times



Hibalance X's compatible inverter
 Here is the list of inverter brands compatible with our batteries.



Electrical Characteristics

Model	Hi-10L
Battery cell category	LiFePO4 Prismatic Cell
Battery cell	3.2V100Ah
Nominal Voltage	51.2V
Nominal Capacity	10.24kWh
Usable Capacity	9.2kWh
Charge/Discharge Current	100A(0.5C)
Max.Charge/Discharge Current	200A(1C)@60s
Max. charge voltage	58.4V
Min. Discharge Voltage	40V
Max. recommended DOD	90%
Cooling Type	Natural cooling
Operating Temperature	0°C~45°C
Storage Temperature	-20°C~45°C
Humidity	5~95% (No condensed water)
Cycle Life	6000 cycles@25°C operating temperature, 80%DOD
Communication	CAN/RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage
Max. Number of Connection	16pcs
Installation	Floor installation or Wall-mounted
Case Material	Metal+Plastic
Protection Class	IP20
Weight	109kg
Dimension(W*D*H)	490*196*650mm
Warranty	5 years
Packaging information	90pcs in a 20GP container; 180pcs in a 40GP container
Certifications	CE,UN38.3,MSDS
Compatible inverter brand	SMA,SUNGROW,SUNSYNK,Sol-Ark,Solis,SolaX,Sofar,Deye,GOODWE,Growatt,Victron,Voltronic,Aiswei,Lux,Afore,Srne,Megarevo,InvT,RENAC,TBB,etc