



HiSEL Wall Mounted LiFePO4 Battery

VOLTE^X SERIES

5.12kWh (51.2V/100Ah)

Features



Safe & Reliable

High safety LiFePO4 battery.
Compliance with IEC62619,
UN38.3, CE.



Modular

Support upto 8 units in parallel,
scale upto 40kWh configuration
without external controller.



Ultra performance

More than 6000 cycles, self-
developed BMS/Pack to
ensure best quality.



Compact & Flexible

Aesthtically pleasing ultra modern
design.



Compatibility

Compatible with most hybrid inverters
in self-consumption, back-up and off-grid
applications.



Intelligence

User friendly display for local monitoring,
dedicated monitoring APP, cell balancing
capability, remote data history & firmware
upgrading function.

Parameters

Items	51.2V/100Ah
Nominal voltage	51.2V
Nominal capacity	100Ah
Nominal energy	5.12kWh
Max. voltage range	44.8V~58.4V
Charge voltage	57.6V
Float voltage	54.4V
Recommend charge current	50A
Max. charge current	100A
Recommend discharge current	50A
Communication	RS485 /CAN/RS232
Peak discharge current	100A
Cycle life	6000 cycles
Net weight	~46.5kg
Dimension(W*H*D)	L565*W395*H177mm
Cell type	Lithium-iron phosphate
Design life	15 years
Charging Temperature	0~55 °C
Discharging Temperature	-20~60°C
Relative humidity	≤85% ,No condensation
Outer Material	Metal
Install location	Indoor
Installation	Wall Mounting
Certification	UN38.3, MSDS, DG shipping doc.

[1] Test conditions: 90% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] System Usable Energy may vary with different inverter brands.

[3] Derating occurs when the operating temperature from -10°C to 10°C & 40°C to 50°C.