



HiSEL Floor Standing LiFePO4 Battery

VOLTEX SERIES

16.08kWh (51.2V/314Ah)



Features



Safe & Reliable

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



Modular

Support upto 10 units in parallel,
scale upto 160kWh configuration
without external controller.



Ultra performance

More than 8000 cycles, self-
developed BMS/Pack to
ensure best quality.



Compact & Flexible

Standard height design.
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/314Ah
Nominal voltage	51.2V
Nominal capacity	314Ah
Nominal energy	16.08kWh
Max. voltage range	44.8V~58.4V
Charge voltage	58.4V
Float voltage	57.6V
Recommend charge current	<150A
Max. charge current	≤200A
Recommend discharge current	<150A
Communication	RS485 /CAN
Peak discharge current	200A@3mins
Cycle life	≥8000 cycles
Net weight	~112kg
Dimension(W*H*D)	740*395*250mm
Cell type	Lithium-iron phosphate
Design life	15 years
Charging Temperature	0~65 °C
Discharging Temperature	-20~65°C
Relative humidity	5%~90%, No condensation
Install altitude	≤3000m
Install location	Indoor
Installation	Floor standing
Certification	UN38.3/CE/IEC62619

[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.