powering the world to a sunnier future



HiSEL Floor Standing LiFePO4 Battery

VOLTEX SERIES

16.08kWh (48V/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.

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

Parameters

Items	48V/314Ah
Nominal voltage	48V
Nominal capacity	314Ah
Nominal energy	15kWh
Max. voltage range	42V~54.75V
Charge voltage	54.7V
Float voltage	54V
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	~105kg
Dimension(W*H*D)	740*395*250mm
Cell type	Lithium-iron phosphate
Design life	15 years
Charging Temperature	0~65 ℃
Discharging Temperature	-20~65℃
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℃.
[2] System Usable Energy may vary with different inverter brands.
[3] Derating occurs when the operating temperature from -10℃ to 10℃ & 40℃ to 50℃.

The specifications and key features contained in this datasheet may deviate slightly from our actual products due to on-going innovation and product enhancement. HiSEL Power Corporation reserves the right to make necessary adjustment to the information described herein at any time without notice.

Caution: For professional use only. The installation and handling of PV equipment requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the product.