

FLOOR STAND TYPE LIFEPO4 BATTERY

51.2VDC SERIES 460Ah



FEATURES

- ◆ Built-in intelligent BMS
- ◆ ≥ 8000+ cycle life
- ◆ A+ grade brand battery cell
- ◆ Comply with ROHS standards
- ◆ Design life up to 10 years at 25°
- ◆ No active cooling system is required

APPLICATION

- ◆ Oil and electricity hybrid energy storage system.
- ◆ Grid frequency adjustment energy storage system.
- ◆ New energy communication base station, Core computer room, IDC UPS.
- ◆ New energy generation (solar, wind, PV/wind hybrid) access to energy storage system.
- ◆ Smart grid, micro-grid system.
- ◆ Other energy Storage System.
- ◆ Mobile container storage system.
- ◆ Load tracking energy storage system.
- ◆ Peak load shifting energy storage system.

Technical Data

MODEL	GE51460FS
Batteries materials	Lithium iron phosphate
Rate voltage	51.2V
Rate capacity	460Ah
Dimensions L*W*H(mm)	385*710*1030
Package Dimension L*W*H(mm)	770*485*1260
Net Weight(kg)	213
Gross Weight(kg)	245.3
Color	Optional
Parallel support	Parallel terminals are supported
Output port mode	Terminal
Charging way	CC / CV
Charging current	0.2C (standard)
Maximum charging current	Max 0.5C @ 25°C
Charge cut-off voltage	58.4V
Discharge way	CC/CP/VP
Discharge current	1C
Maximum discharge current	Max 1C @ 25°C
Discharge cut-off voltage	44.8V
Communication interface	RS485/RS232/CAN
Charging operating temperature	Charging:0~+50°C
Discharge operating temperature	Discharge:-20~+55°C
The quality assurance period	60 months
Cycle Life	85% DOD ≥ 8000 Time

Product specifications are subject to change without prior notice.