

FLOOR STAND TYPE LIFEPO4 BATTERY

51.2VDC SERIES 280Ah / 300Ah / 314Ah



FEATURES

- ◆ Built-in intelligent BMS
- ◆ ≥ 6000+ cycle life
- ◆ A+ grade brand battery cell
- ◆ Comply with ROSH 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	GE51280FS	GE51300FS	GE51314FS
Batteries materials	Lithium iron phosphate		
Series parallel mode (S series,P parallel)	16S1P		
Rate voltage	51.2V		
Rate capacity	280Ah	300Ah	314Ah
Dimensions L*W*H(mm)	708*440*243		
Package Dimension L*W*H(mm)	980*580*450		
Net Weight(kg)	115		
Gross Weight(kg)	135		
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.