



FLOOR STAND TYPE LIFEPO4 BATTERY

51.2Vdc Series 280Ah ~ 300Ah

FEATURES :

- ◆ Larger capacity supply equipment cabinet.
- ◆ No active cooling system is required.
- ◆ Long charge and discharge cycle life.
- ◆ They live for more than 10 years at +25°C.
- ◆ Optimal management.
- ◆ In line with the RoHS.

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.
- ◆ Smartgrid, 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	GE51280FD	GE51300FD
Batteries materials	Lithium iron phosphate	
Series parallel mode (S series,P parallel)	16S1P	
Rate voltage	51.2V	
Rate capacity	280Ah	300Ah
Size (mm)	830*500*250	
Weight	123KG	
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	

