



6.0 KWH

LiFePO4 Battery

Energy Storage System



**OVER DISCHARGE
PROTECTION**



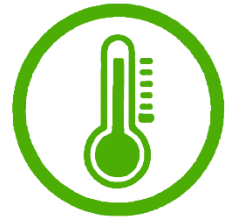
**OVER DISCHARGE
PROTECTION**



**OVER CHARGE
PROTECTION**



**SHORT CIRCUIT
PROTECTION**



**TEMPERATURE
PROTECTION**

PRODUCT MODEL	GGESS-6KWH
ENERGY CAPACITY	51.2V 120AH
CELL SPECIFICATIONS	LIFEPO4
CELL CONFIGURATION	16S4P
CHARGE CUT-OFF VOLTAGE	58.4V
DISCHARGE CUT-OFF VOLTAGE	43.2V
MAX DISCRHAGE CURRENT	60A
MAX CHARGE CURRENT	100A
BATTERY MANAGEMENT SYSTEM	OVER VOLTAGE, LOW VOLTAGE, TEMPERATURE CONTROL, OVERLOAD AND AC SHORT CIRCUIT PROTECTION, SURGE PROTECTION
OPERATING TEMPERATURE	CHARGE TEMPERATURE 0~60°C DISCHARGE TEMPERATURE -20~60°C
CYCLE LIFE	>6000 CYCLES
WARRANTY	5 YEARS
DIMENSION (W,D,H)	490*190*540MM
NET WEIGHT	55 KGS
COMMUNICATION INTERFACE	RS485, RS232, CAN, UART
PROTECTION LEVEL	IP55
DUAL INLINE-PIN	UP TO 6 BATTERIES CAN BE CONNECTED IN PARALLEL