



51.2V 314AH LiFePO4 Battery Energy Storage System



**OVER DISCHARGE
PROTECTION**



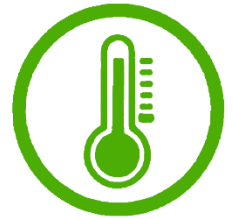
**OVER DISCHARGE
PROTECTION**



**OVER CHARGE
PROTECTION**



**SHORT CIRCUIT
PROTECTION**



**TEMPERATURE
PROTECTION**

PRODUCT MODEL	GGESS-16KWH
ENERGY CAPACITY	51.2V 314AH
CELL SPECIFICATIONS	LIFEPO4
CELL CONFIGURATION	16S1P
CHARGE CUT-OFF VOLTAGE	58.4V
DISCHARGE CUT-OFF VOLTAGE	43.2V
OPTIMUM CHARGE CURRENT	100A
MAX CONTINUOUS DISCHARGE CURRENT	150A
BATTERY MANAGEMENT SYSTEM	OVERVOLTAGE PROTECTION, UNDERVOLTAGE PROTECTION, OVER TEMPERATURE PROTECTION, OVER-CURRENT PROTECTION, SHORT CIRCUIT PROTECTION, BALANCING FUNCTION, LOW BATTERY LATCH FUNCTION, ETC
OPERATING TEMPERATURE	CHARGE TEMPERATURE 0~60°C DISCHARGE TEMPERATURE -20~60°C
CYCLE LIFE	>6000 CYCLES
WARRANTY	5 YEARS
DIMENSION (W,D,H)	L680*W270*H710MM
NET WEIGHT	/
COMMUNICATION INTERFACE	RS485, RS232, CAN, UART
PROTECTION LEVEL	IP55
DUAL INLINE-PIN	UP TO 6 BATTERIES CAN BE CONNECTED IN PARALLEL