



51.2V LiFePO4 Home Battery Storage LCD Stack-mounted Series

-200Ah/ 280Ah/ 320Ah



Technical Specification



Model	GW48200PSD	GW48280PSD	GW48320PSD
--------------	-------------------	-------------------	-------------------

BATTERY

Cell Type	Prismatic Lithium Iron Phosphate (LiFePO4)		
Nominal Voltage	51.2V		
Rated Capacity	200Ah	280Ah	320Ah
Nominal Energy	10.2kWh	14.3kWh	16.4kWh
Internal Resistance	≤80m Ω		
Cycle Life	≥8000 at 80% DOD		
Max. Expansion	15P (In Parallel)		
Dimensions (L*W*H)	22.6*17.3*9.1 in (575*440*232mm)	28.7*17.3*9.5 in (730*440*242mm)	
Weight	189lb (86kg)	253lb (115kg)	253lb (115kg)
Display	LCD Screen		
Protection Class	IP20		
Warranty	5-Year		

BMS

BMS	200A
Communication	RS485/ CAN
Max. Cont. Charge Current	200A
Max. Cont. Discharge Current	200A
Max. Instantaneous Current	200A
Max. Charge Current	200A
Max. Discharge Current	200A
Discharge Cut-off Voltage	40V

CHARGE

Charge Method	CV/CC
Charge Voltage	58.4V
Recommend Charge Current	≤200A



Model

GW48200PSBD

GW48280PSBD

GW48320PSBD

TEMPERATURE

Charge	0°C~45°C / 32°F~113°F
Discharge	-20°C~60°C / -4°F~140°F
Storage	-20°C~25°C / -4°F~77°F