

# LV GEPH-C SERIES

GudE Potencia



## MODULAR LOW VOLTAGE LFP BATTERY WITH CABINET FOR HESS

GudE Potencia LV GEPH-C Series offers the solution of the combination of LFP battery and outdoor cabinet. Four different configurations with the capacity from 9.6kWh to 48kWh can meet a variety of home energy storage scenarios. Easy installation, according to the power storage needs and combine different batteries pack.



Environmentally-friendly & Safe LiFePO<sub>4</sub> Battery



Modular Stackable Design



Easy Transportation & Installation



Ideal Solution for HESS

Parameters are subject to change without prior notice.

## LFP BATTERY LV GEPH-C SERIES

### TECHNICAL SPECIFICATIONS

MODEL		48GEPH200-C	48GEPH400-C	48GEPH600-C	48GEPH800-C	48GEPH1000-C
LiFePO <sub>4</sub> BATTERY	Nominal Voltage (V)	48V				
	Nominal Capacity (Ah) @0.2C, 25°C	200Ah	400Ah	600Ah	800Ah	1000Ah
	Energy (kWh)	9.6kWh	19.2kWh	28.8kWh	38.3kWh	48kWh
	Communication	CAN2.0/RS232/RS485				
	Efficiency	≤96%				
	Recommended Charge Current (A)	150A				
	Max. Continuous Discharge Current (A)	150A				
	Max. Load Power (kW)	7kW				
	Recommended Charge Voltage (V)	54V				
	Recommended Low Voltage Disconnect (V)	41.25V (2.75V/Cell)				
	Discharge Temperature	-20 ~ 55°C (-4 ~ 131°F)				
	Charge Temperature	0 ~ 45°C (32 ~ 113°F)				
	Storage Temperature	-5 ~ 35°C (23 ~ 95°F)				
	Dimension (LxDxH) mm	650x850x1200 mm			650x850x1600 mm	
Approx. Weight (kg)	240kg	320kg	560kg	640kg	720kg	
Enclosure Protection	IP20					

### CONFIGURATIONS



### FEATURES

- High-Efficient Energy Storage Batteries
- Safe & Reliable Performance with LiFePO<sub>4</sub> Cell
- Flexible Modular & Upgradeable Design
- Integrated Smart Battery Management System (BMS)
- Easy Installation & Transportation
- Longer cycle life ≥ 4000 cycles