BATTERY

GP-5122800-LVR

GOOD POWER

LI-ION BATTERY
51.2V, 280Ah

Features

SAFETY

+ Long life type prismatic LiFePO4 cells , suitable for energy storage application.
+ Low voltage system , safety for application.
+ Cell certification: IEC62619, UL1973, UL9540A, ROHS
+ Battery certification: UN38.3, MSDS, CE

SCALABILITY

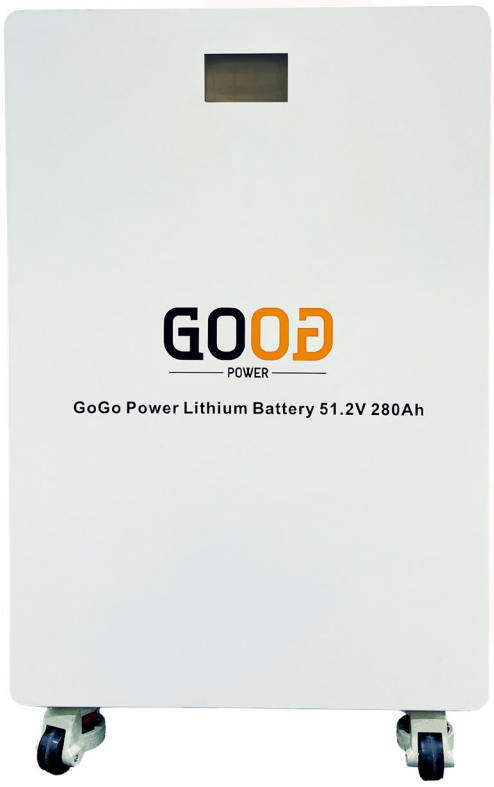
+ Parallel support for more energy.
+ Communication compatible with the major inverter manufacturers, Change different inverter protocol by LCD.

DESIGN

+ Indoor floor mounted design, IP20 class.
+ Flexible and easily installation, bottom with rollers.
+ -20~+55°C widely temperature range.
+ 4.3" touch LCD screen.
+ Maintenance free.

BATTERY MANAGEMENT SYSTEM

+ Independent protection for charge and discharge.
+ LCD displayl for detailed battery information.
+ OVP, LVP, OCP, OTP, LTP, Short-circuit protection.
+ RS485,CAN communication port for inverter and Link in& out for battery to battery communication.



GREAT POWER FROM GOGO POWER

BATTERY
GP-5122800-LVR

GOOG POWER

SPECIFICATION

Model	GP-5122800-LVR
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	280
Total Energy [Wh]	14336
Dimension (W*D*H, mm)	550*880*220
Weight [Kg]	123.0
Max. Charging Current [A]	140
Max. Discharging Current [A]	140
Pulse Discharge Current	180A @10S
Charging Voltage [V] [Recommend]	55.2~57.6 (57)
End of Dicharge Voltage [V] [Recommend]	44.8 (47)
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life (1)	>6000
Designed Calendar Life	10 Years
Communication interface	For inverter : RS485, CAN For battery to battery: LINK-IN, LINK-OUT
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support (2)	Yes, Max. 15 Sets
Series Support	Not support

Note:

(1) 25°C, 0.5C / 0.5C , 80%DOD to 70% of initial capacity.

(2) For parallel connection, refer to user manual.