

# BATTERY

## GP-5122800-LVR

**GOGo**  
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



#### 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.



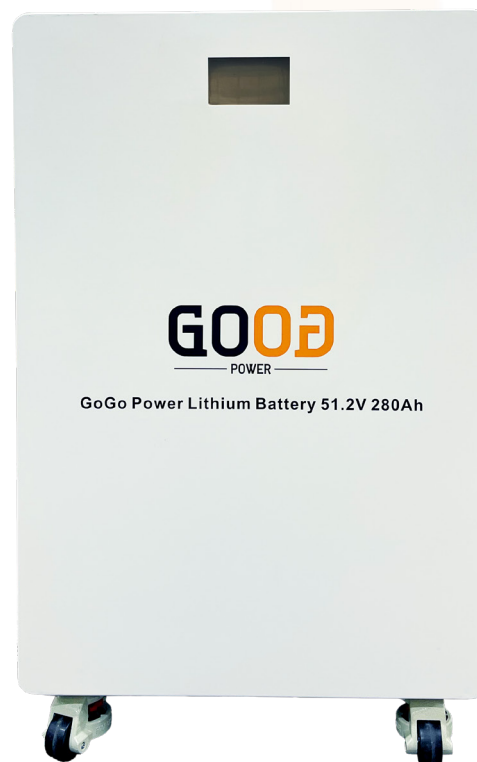
#### SCALABILITY

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



#### BATTERY MANAGEMENT SYSTEM

- + Independent protection for charge and discharge.
- + LCD display 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**

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## GP-5122800-LVR



### 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 Discharge Voltage [V] [Recommend] | 44.8 (47)   |
| Operation Humidity                       | 0~95% RH (No condensing)  |
| Operating Temperature Range              | Charge: 0 ~ +55°C;<br>Discharge: -20 ~ +55°C  |
| Cycle Life <sup>(1)</sup>                | >6000   |
| Designed Calendar Life                   | 10 Years  |
| Communication interface                  | For inverter : RS485, CAN<br>For battery to battery: LINK-IN, LINK-OUT                        |
| Protection                               | Over voltage , Low voltage, Over current,<br>Over Temperature, Low Temperature, Short circuit |
| Parallel Support <sup>(2)</sup>          | 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.