

GenPlus Portable Lithium Battery Series

REV: 001

Model: GP- LFP-2480

Features

- 24V Output Battery System
- Capacity 1,920Wh
- Integrated Battery Protection Module
- High Discharge Current up to 80A
- High Charge Current up to 40A
- Rugged Aluminium Enclosure
- Digital Voltage Display
- Internal Fuse



Description	GP-LFP-2480-A	GP-LFP-2480-B
Chemistry	Lithium Iron Phosphate (LiFePO4)	
Nominal Voltage	25.6Vdc	
Charge Voltage(max)	28.8Vdc	
Cut-Off Voltage	20Vdc or 2.5Vdc at cells level	
Continuous Discharge Current	40A	80A
Max Charge Current	40A	80A
Charging Time @ Max Charge Current	2.5 hours	
Cycle Life	> 2000 cycles at 80% DOD; 25degC	
Integrated Battery Protection Board	Provide Protection against Overcharge & short circuit through monitoring of individual strings of cells.	
Connectors	Finger-proof connectors for added safety against accidental shorting of terminal Mating connectors are provided	
Digital Voltage Display	Display Battery voltage	
Operating Temperature	Charging: 0°C to 45°C Discharging: -10°C to 60°C	
Storage Temperature	Less than 1 month: -10°C to 35°C 1 to 6 months: -5°C ~ 30°C More than 6 months: 0°C to 25°C	
Enclosure: Aluminium	3mm thick aluminium	
Weight	<30kg	
Dimension	180(W) X 400(L) X 300(H)	

GenPlus Portable Lithium Battery Series

REV: 001

Model: GP- LFP-24100

Features

- 24V Output Battery System
- Capacity 2,400Wh
- Integrated Battery Protection Module
- High Discharge Current up to 100A
- High Charge Current up to 50A
- Rugged Aluminium Enclosure
- Digital Voltage Display
- Internal Fuse



Description	GP-LFP-24100-A	GP-LFP-24100-B
Chemistry	Lithium Iron Phosphate (LiFePO4)	
Nominal Voltage	25.6Vdc	
Charge Voltage(max)	28.8Vdc	
Cut-Off Voltage	20Vdc or 2.5Vdc at cells level	
Continuous Discharge Current	50A	100A
Max Charge Current	50A	100A
Charging Time @ Max Charge Current	2.5 hours	
Cycle Life	> 2000 cycles at 80% DOD; 25degC	
Integrated Battery Protection Board	Provide Protection against Overcharge & short circuit through monitoring of individual strings of cells.	
Connectors	Finger-proof connectors for added safety against accidental shorting of terminal Mating connectors are provided	
Digital Voltage Display	Display Battery voltage	
Operating Temperature	Charging: 0°C to 45°C Discharging: -10°C to 60°C	
Storage Temperature	Less than 1 month: -10°C to 35°C 1 to 6 months: -5°C ~ 30°C More than 6 months: 0°C to 25°C	
Enclosure: Aluminium	3mm thick aluminium	
Weight	<30kg	
Dimension	180(W) X 400(L) X 300(H)	