

## GenPlus Portable Lithium Battery Series

Rev: 001

### Model: GP- LFP-1280

#### Features

- 12V Output Battery System
- Capacity 960Wh
- Integrated Battery Protection Module
- High Discharge Current up to 60A
- High Charge Current up to 30A
- Rugged Aluminium Enclosure
- Digital Voltage Display
- Internal Fuse



Actual product subject to change

Description	GP-LFP-1280-A	GP-LFP-1280-B
<b>Chemistry</b>	Lithium Iron Phosphate (LiFePO4)	
<b>Nominal Voltage</b>	12.8Vdc	
<b>Charge Voltage(max)</b>	14.4Vdc	
<b>Cut-Off Voltage</b>	10Vdc or 2.5Vdc at cells level	
<b>Continuous Discharge Current</b>	60A	80A
<b>Max Charge Current</b>	30A	80A
<b>Charging Time @ Max Charge Current</b>	2 hours	
<b>Cycle Life</b>	> 2000 cycles at 80% DOD; 25degC	
<b>Integrated Battery Protection Board</b>	Provide Protection against Overcharge & short circuit through monitoring of individual strings of cells.	
<b>Connectors</b>	Finger-proof connectors for added safety against accidental shorting of terminal Mating connectors are provided	
<b>Digital Voltage Display</b>	Display Battery voltage	
<b>Operating Temperature</b>	Charging: 0°C to 45°C Discharging: -10°C to 60°C	
<b>Storage Temperature</b>	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	
<b>Enclosure: Aluminium</b>	3mm thick aluminium	
<b>Weight</b>	<14kg	
<b>Dimension</b>	180(W) X 230(L) X 300(H)	

## GenPlus Portable Lithium Battery Series

Rev: 001

### Model: GP- LFP-12100

#### Features

- 12V Output Battery System
- Capacity 1,200Wh
- Integrated Battery Protection Module
- High Discharge Current up to 100A
- High Charge Current up to 50A
- Rugged Aluminium Enclosure
- Digital Voltage Display
- Internal Fuse



Actual product subject to change

Description	GP-LFP-12100-A	GP-LFP-12100-B
<b>Chemistry</b>	Lithium Iron Phosphate (LiFePO4)	
<b>Nominal Voltage</b>	12.8Vdc	
<b>Charge Voltage(max)</b>	14.4Vdc	
<b>Cut-Off Voltage</b>	10Vdc or 2.5Vdc at cells level	
<b>Continuous Discharge Current</b>	50A	100A
<b>Max Charge Current</b>	50A	50A
<b>Charging Time @ Max Charge Current</b>	2 hours	
<b>Cycle Life</b>	> 2000 cycles at 80% DOD; 25degC	
<b>Integrated Battery Protection Board</b>	Provide Protection against Overcharge & short circuit through monitoring of individual strings of cells.	
<b>Connectors</b>	Finger-proof connectors for added safety against accidental shorting of terminal Mating connectors are provided	
<b>Digital Voltage Display</b>	Display Battery voltage	
<b>Operating Temperature</b>	Charging: 0°C to 45°C Discharging: -10°C to 60°C	
<b>Storage Temperature</b>	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	
<b>Enclosure: Aluminium</b>	3mm thick aluminium	
<b>Weight</b>	<16kg	
<b>Dimension</b>	180(W) X 230(L) X 300(H)	