









Residential Series

INVERGY
UPGRADING POWER FOR BETTER FUTURE

LFP BATTERY-WALL MOUNT

INV-LFP-5.0-W1-51.2V



-  Smart Indicator
-  ECO Friendly
-  High Energy Density
-  High Battery Life
-  High Efficiency Cells
-  Space Saving Design
-  Less Weight
-  Zero Maintenance



Toll Free No. 1800 309 7880

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| MODEL | | INV-LFP-5.0-W1-51.2V |
|-------------------------------|------------------|---|
| Battery Chemistry | | LifeP04 |
| Capacity (Ah) | | 100Ah |
| Cell Type | | PRISMATIC |
| Scalability | | Max.16 Nos. in Parallel (81.92 kWh) |
| Nominal Voltage (V) | | 51.2 |
| Operating Voltage (V) | | 41.6~58.4 |
| Rated Capacity (kWh) | | 5.12 |
| Usable Energy @80% DOD (kWh) | | 4.096 |
| Charge / Discharge Current(A) | Recommend | 50 |
| | Max. | 70 |
| | Peak(12sec,25)°C | 120 |
| Recommend Depth of Discharge | | 80 |
| Dimension (mm) | | Battery 602*400*220 (Hanging Plate L*W 500*380) |
| Weight Approximate (kg) | | 62kg |
| Interface Panel (LCD Display) | | 4LED(SOC:25%~SOC100%), LCD (Voltage, Current, Temperature, SOC) |
| IP Rating of Enclosure | | IP55* |
| Operating Temperature (°C) | | Charge:0°C~55°C / Discharge:-20°C~55°C |
| Storage Temperature | | 0°C~35°C |
| Humidity | | 5% ~ 95% |
| Altitude | | ≤2000m |
| Cycle Life | | 5000(25C±2C°,0.5C/0.5C, 90%DOD, 70%EOL) |
| Installation | | Wall-Mounted |
| Communication Port | | CAN2.0, RS485 |
| Warranty Period | | 5 Years |