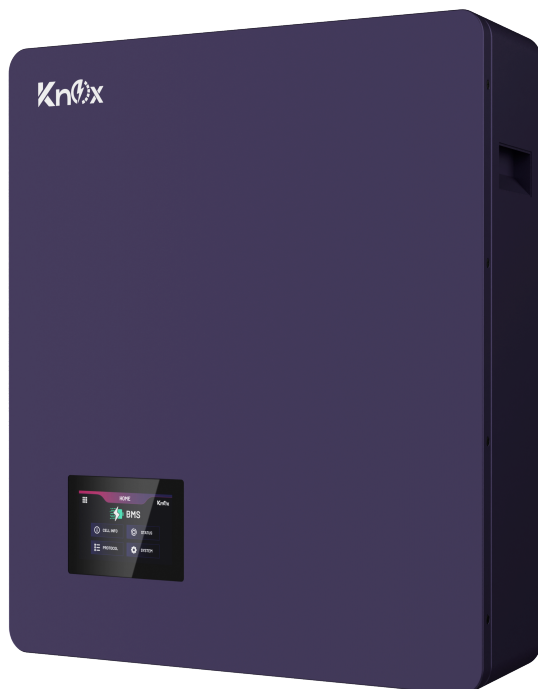


# Powerwall 6.11 51.2V100AH



Model: LIO 5.32



IP20  
Protection



4.3" HMI  
Touchscreen



1.5C  
Continuous  
Charge / Discharge



6000  
Cycles



5 Years  
Warranty



Built-In Fire  
Protection



100AH  
Capacity



LiFePO4  
Cells



PACE BMS



Parallel  
upto 8 Units



Easy-to-install



Reliable



User-Friendly

- A grade brand new prismatic LiFePO4 cells
- 6000 cycles
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- HMI touchscreen with low power consumption, high brightness, and long visual distance.
- Designed and engineered for seamless integration with solar inverter systems.

- Built-In fire protection
- Cell balance function
- Metal Case, excellent heat dissipation, more safety
- Certificate: UN38.3, MSDS
- Max 8 battery packs can be connected in parallel

## Technical Data Sheet

|                                     |                                                        |
|-------------------------------------|--------------------------------------------------------|
| <b>MODEL</b>                        | <b>LIO 5.32</b>                                        |
| <b>ELECTRICAL PARAMETER</b>         |                                                        |
| Battery Type                        | LiFePO4                                                |
| Nominal Voltage (V)                 | 51.2                                                   |
| Nominal Capacity (AH)               | 100                                                    |
| Energy (WH)                         | 5120                                                   |
| Pack Mode                           | 16S1P                                                  |
| Continuous Discharge Current (A)    | 150                                                    |
| Charge Cut-off Voltage (V)          | 58.4                                                   |
| Discharge Cut-off Voltage (V)       | 43.2                                                   |
| Max. Charge Current (A)             | 100                                                    |
| Max. Discharge Current (A)          | 160@1S                                                 |
| Peak Discharge Current (A)          | 200A@5mS                                               |
| Recommend Discharge Current (A)     | 50                                                     |
| Charge & Discharge Current          | 1.5C                                                   |
| Cycle Life                          | > 6000                                                 |
| Function                            | ---                                                    |
| Communication                       | RS485/RS232/CAN                                        |
| Display                             | HMI Touchable                                          |
| Mounting                            | Wall-mounted                                           |
| <b>ENVIRONMENTAL PARAMETER</b>      |                                                        |
| Charge & Discharge Temperature (°C) | Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C         |
| Optimal Storage Temperature (°C)    | 5°C ~ +35°C                                            |
| Relative Humidity                   | 40% ~ 80%                                              |
| Ingress Protection                  | IP20                                                   |
| <b>MECHANICAL PARAMETER</b>         |                                                        |
| Terminal                            | Quick Plug                                             |
| Dimensions (L*W*H) (mm)             | 500 x 470 x150                                         |
| Weight (Kg)                         | 44.5 ± 0.5                                             |
| Certificate                         | UN38.3 MSDS                                            |
| Warranty                            | 5 Year Warranty<br>(3 year BMS & 5 year Cell warranty) |