

# POLA-16L-P

Always Here Anywhere

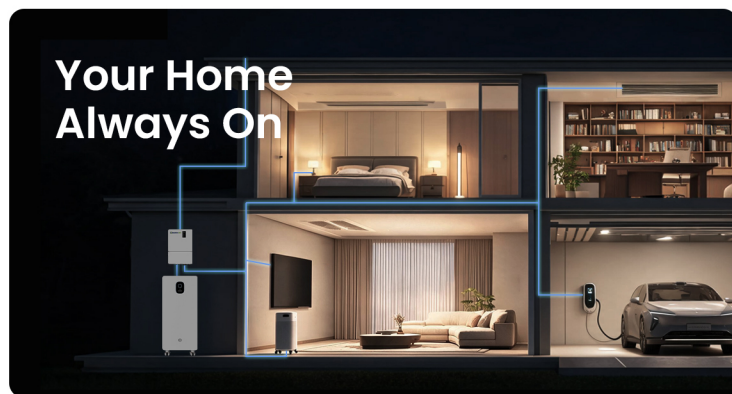
\*Images are for reference only. Actual product may vary.

Built for the Extremes

C5-M  
IP66



Your Home  
Always On



7-Layer  
Safety



Your Energy  
Visible Now



314Ah LFP cells  
6000+ Cycles



All-Temperature  
Ready



AI-powered  
Benefits

\*Ready for VPP programs such as Octopus SmartFlex



# SPECIFICATION

| Model                            | POLA-16L-P                                                |
|----------------------------------|-----------------------------------------------------------|
| Nominal Energy                   | 16kWh                                                     |
| Nominal Voltage                  | 51.2V                                                     |
| Operating Voltage Range          | 43.2-57.6V                                                |
| Cell Type                        | LFP ( LiFePO <sub>4</sub> )                               |
| Dimension(W*D*H)                 | 410*240*870mm (excl. wheel) / 410*240*940mm (incl. wheel) |
| Weight                           | 120kg                                                     |
| Charging Temperature             | From - 20 to 55°C                                         |
| Discharging Temperature          | From - 20 to 55°C                                         |
| Depth of Discharge               | 95% DOD                                                   |
| Nominal Charge/Discharge Current | 160A / 160A                                               |
| Max. Charge/Discharge Current    | 200A / 200A (90min,25°C)                                  |
| Maximum Parallel Number          | 16                                                        |
| Ingress Protection Degree        | IP66                                                      |
| Cooling Type                     | Natural convection                                        |
| Humidity                         | ≤95%                                                      |
| Installation                     | Wall-Mounted, Floor-Mounted                               |
| Altitude                         | 3000m (>2000m derating)                                   |
| Communication                    | CAN/RS485/WIFI/Bluetooth/4G (Optional)                    |
| Battery Safety                   | IEC 62619/CE-EMC/EN 62040/UN38.3                          |
| Fire Protection                  | Aerosol                                                   |
| Auxiliary Heating                | Standard                                                  |