

PELIO



Smaller Footprint

higher energy density benefit from latest LFP technology



Expandable

Modular design
Maximum 102.4kWh (20 Modules)



High Power Efficiency

Continuous power 5.12kw
Peak power 10.24kw@15s



Monitor 24/7

Real-time monitoring of battery charging and discharging, online system updates and maintenance



iOS QR Code



Android/Harmony
QR Code

Pelio



Module

| | 1 (W*/G*) | 2 (W*/G*) | 3 (W*/G*) | 4 (G*) |
|-------------------------------|-----------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|
| Nominal Voltage (VDC) | 51.2 | | | |
| Battery Module Capacity (kWh) | 5.12 | | | |
| Battery System Capacity (kWh) | 5.12 | 10.24 | 15.36 | 20.48 |
| Dimension (W*D*H mm) | 578*165*395 | 578*165*790 | 578*165*1185 | 578*165*1580 |
| Weight (kg) | 45 | 90 | 135 | 180 |
| Depth of Discharge | 95% | | | |
| Charge/ (Normal) | 100 | | | |
| Discharge (Max) | 101-120@15min | | | |
| (A) (Peak) | 121-200@15s | | | |
| Communication port | RS485/CAN | | | |
| IP rating | IP65 | | | |
| Single String Quantity (pcs) | 20(MAX.4 in 1 group) | | | |
| Working Temperature/ (°C) | 0°C-55°C Charge, -10°C-55°C Discharge | | | |
| Storage Temperature/ (°C) | 0°C-45°C(6 months), -20°C-45°C(3 months) | | | |
| Humidity (RH) | 5%-95% No Condensation | | | |
| Altitude (m) | <4,000 | | | |
| Design life (@25°C) | 15+ Years | | | |
| Cycle life (@25°C) | >8,000 | | | |
| Certification | IEC61000-6-2/IEC61000-6-3/IEC62040/IEC62477-1/IEC62619/IEC63056 U1642/UL1973/UL9540A/UN38.8/VDE2510-50 | | | |

* W: Wall Mounted Installation
G: Ground Mounted Installation