

# 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

[www.solarxport.com](http://www.solarxport.com)



iOS QR Code



Android/Harmony  
QR Code

# Pelio



## Module

|                               | 1<br>(W*/G*)                                                                                              | 2<br>(W*/G*) | 3<br>(W*/G*) | 4<br>(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<br>U1642/UL1973/UL9540A/UN38.8/VDE2510-50 |              |              |              |

\* W: Wall Mounted Installation  
G: Ground Mounted Installation