

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

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/ Discharge (A)	(Normal)	100			
	(Max)	101-120@15min			
	(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