



PELIO

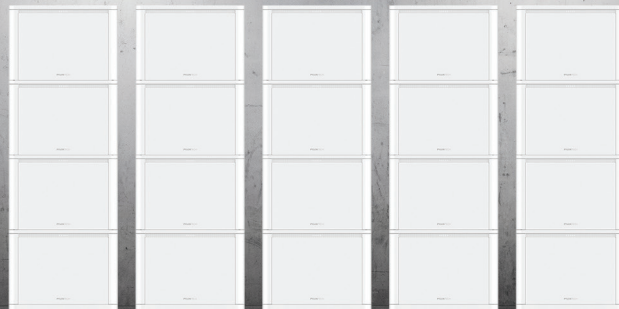
Modular Home Energy Storage Solution

The Pylontech PELIO is a modular style battery storage solution consisting of stackable Lithium Iron Phosphate battery modules, high energy density technology and expandable from 5.12kWh up to 102.4kWh. Developed for modern residential properties, the PELIO system provides users with more sufficient and reliable energy storage.

Connect the WiFi stick (included in the ground/wall mount kits) into the master battery's WiFi port for connectivity capability. Set up the PELIO system in the Pylontech app on your phone for real-time monitoring of your energy production and consumption in real time, battery charging and discharging, online system updates and regular maintenance.



Ideal for large home and small commercial applications, the PELIO's battery module's slimline design with a contemporary aesthetic is only 578mm wide and 165mm deep, with the option of a ground or wall mounting kit, for an unimposing, smaller footprint in battery storage installations.



PELIO



Pelio-L-5.12 Pelio-L-10.24 Pelio-L-15.36 Pelio-L-20.48 Pelio-L-W5.12 Pelio-L-W10.24 Pelio-L-W15.36

	Pelio-L-5.12	Pelio-L-10.24	Pelio-L-15.36	Pelio-L-20.48	Pelio-L-W5.12	Pelio-L-W10.24	Pelio-L-W15.36
Chemistry	LiFePO4						
System Voltage (V)	51.2V						
System Capacity (kWh)	5.12kWh	10.24kWh	15.36kWh	20.48kWh	5.12kWh	10.24kWh	15.36kWh
System Capacity (Ah)	100Ah	200Ah	300Ah	400Ah	100Ah	200Ah	300Ah
Number of Modules	1	2	3	4	1	2	3
Charge Voltage (V)	56.0 ~ 56.8V						
System Recommended Charge/Discharge Current (A)	80A (1 Cable Set)	100A (1 Cable Set) 160A (2 Cable Sets)	100A (1 Cable Set) 200A (2 Cable Sets) 240A (3 Cable Sets)	100A (1 Cable Set) 200A (2 Cable Sets) 300A (3 Cable Sets) 320A (4 Cable Sets)	80A (1 Cable Set)	100A (1 Cable Set) 160A (2 Cable Sets)	100A (1 Cable Set) 200A (2 Cable Sets) 240A (3 Cable Sets)
System Max. Charge/Discharge Current (A) - 15 Minutes	100-120A (15 mins)	120A (15 mins) (1 Cable Set) 240A (15mins) (2 Cable Sets)	120A (15 mins) (1 Cable Set) 240A (15mins) (2 Cable Sets) 360A (15mins) (3 Cable Sets)	120A (15 mins) (1 Cable Set) 240A (15mins) (2 Cable Sets) 360A (15mins) (3 Cable Sets) 480A (15mins) (4 Cable Sets)	100-120A (15 mins)	120A (15 mins) (1 Cable Set) 240A (15mins) (2 Cable Sets)	120A (15 mins) (1 Cable Set) 240A (15mins) (2 Cable Sets) 360A (15mins) (3 Cable Sets)
System Peak Charge/Discharge Current (A) - 15 seconds	120-200A (15 secs)	200A (15 secs) (1 Cable Set) 400A (15 secs) (2 Cable Sets)	200A (15 secs) (1 Cable Set) 400A (15 secs) (2 Cable Sets) 600A (15 secs) (3 Cable Sets)	200A (15 secs) (1 Cable Set) 400A (15 secs) (2 Cable Sets) 600A (15 secs) (3 Cable Sets) 800A (15 secs) (4 Cable Sets)	120-200A (15 secs)	200A (15 secs) (1 Cable Set) 400A (15 secs) (2 Cable Sets)	200A (15 secs) (1 Cable Set) 400A (15 secs) (2 Cable Sets) 600A (15 secs) (3 Cable Sets)
Discharge Voltage	44.8 ~ 56.8V						
Depth of discharge	95%						
Operation Connection	Wi-Fi (2.4G), USB 2.0						
Communications	RS485, CAN						
Operating Temperature Charge	0°C ~ 50°C						
Operating Temperature Discharge	-10°C ~ 50°C						
Humidity	5% ~ 95% (RH) No Condensation						
IP rating of enclosure	IP65						
Dimensions							
Length	578mm	578mm	578mm	578mm	578mm	578mm	578mm
Width	165mm	165mm	165mm	165mm	165mm	165mm	165mm
Height	395mm	790mm	1185mm	1580mm	395mm	790mm	1185mm
Height (with base)	425mm	820mm	1215mm	1610mm	425mm	820mm	1215mm
Weight	45kg	90kg	135kg	180kg	45kg	90kg	135kg
Weight (with base)	47kg	92kg	137kg	182kg	47kg	92kg	137kg