

PointGuard Energy

Energy – On Your Terms

PointGuard Energy innovates cutting-edge technology solutions in the home energy management sector, with products ranging from energy storage systems to solar inverters and EV chargers. Our focus is to develop highly integrated solutions that allow fast deployment of renewable energy systems, setting the bar for simplicity, speed, performance, safety and system intelligence. We aim to become our customers' most trusted partner on their journey to a more sustainable future.

530+

Employees
Apr, 2024

250+

Patents Applied
Apr, 2024

6 GWh

Battery Production
Capacity

70%

R&D Personnel

Get to know
PointGuard Energy

Full Product Portfolio

PointGuard Home



PointGuard LoadHub



PointGuard Communication Module



myPointGuard App



PointGuard Charger EV AC

Contact PointGuard Energy

Website

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POINTGUARD



POINTGUARD HOME

Energy – On Your Terms

Let the numbers
speak for themselves...

POINTGUARD

PointGuard Home

The world's first

5-in-One

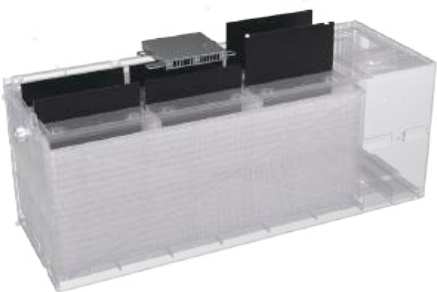
Home Energy System



5 layers

Battery safety

- 1 Cell-level temp. monitoring
- 2 Aerogel insulated pads
- 3 High-temp. resistance insulated pads
- 4 Internal fire extinguisher
- 5 Decompression valve



15 min

Ultra-fast installation

Fast self-guiding plug connectors



4 layers

System protection

- 1 PV disconnection protection
- 2 Grid fault protection
- 3 DC bus protection
- 4 Arc fault circuit interrupter

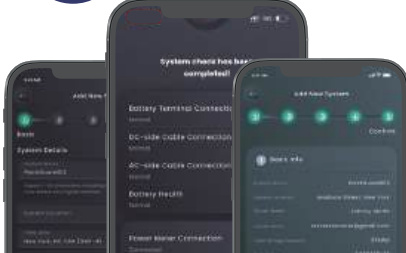


5 min

Ultra-fast commissioning

- Step 1 Scan QR Code to add a new system
- Step 2 Fill out details
- Step 3 Fast software upgrade
- Step 4 Confirm preset parameters
- Step 5 One-click full system check
- Step 6 Confirm

2min
Software update

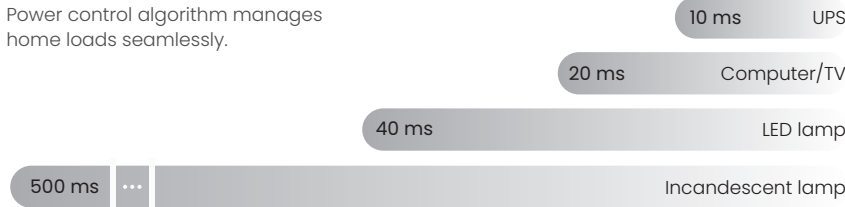


0 ms

Load-side disruption

Power control algorithm manages home loads seamlessly.

Seamless



1 SKU

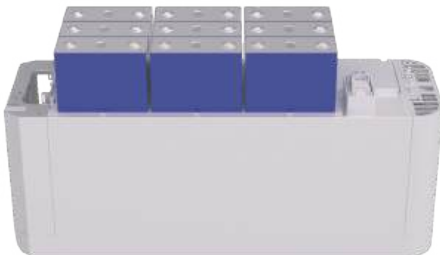
Field configurable and flexible capacity from 5.38 kWh to 37.62 kWh

	1	1	2	2	3	5	pcs
Number of battery packs	1	1	2	2	3	5	pcs
Total energy capacity	5.38	8.06	10.76	16.12	18.82	37.62	kWh
Usable energy capacity	5.2	7.8	10.4	15.6	18.2	36.4	kWh

280 Ah

Long cycle-life battery cell

9 battery cells in one module with maximum 7.8 kWh usable capacity. Low voltage system for safety. 32% higher energy density.



1-click

Full system diagnosis

1-click diagnosis on single or multi-stack PointGuard Home system. Detailed check on cable connections and battery status.

