



— Energie produsă | Stocată | Controlată

Soluții ALL-IN-ONE



IAȘI 2026

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INVERTOARE • HIBRID ALL-IN-ONE (BATERIE HV)

Pylontech Force-H3X

Mono 3,6–8 kW • Trifazat 8–15 kW

INVERTOR HIBRID ALL-IN-ONE compatibil cu bateriile **Force-H3 (High Voltage)**, disponibil în variantă monofazată (3,6–8 kW) și trifazată (8–15 kW). Funcție off-grid rapidă (backup) și posibilitate de paralelizare până la 6 unități.

AVANTAJE CHEIE BATERII

- ▶ Monofazat până la 4 module FH3 (≈20 kWh);
- ▶ Trifazat până la 7 module (≈35 kWh)
- ▶ Comutare off-grid/backup în sub 10 ms
- ▶ AFCI 2.0 integrat conform IEC 63027 și SPD PV tip 2
- ▶ Până la 6 unități în paralel; debitare flexibilă
- ▶ Wi-Fi / WLAN / Bluetooth, display LED, IP65

SPECIFICAȚII TEHNICE

Tip: Hibrid mono / trifazat, baterie HV

Putere mono: 3,6 / 5 / 6 / 8 kW

Putere trifazat: 8 / 10 / 12 / 15 kW

Număr MPPT: 2 (mono) / 3 (trifazat)

Tensiune start PV: 80 V (mono) / 200 V (trifazat)

Tensiune max. PV: 600 V (mono) / 1000 V (trifazat)

Curent max. baterie: 40 A (mono) / 50 A (trifazat)

Module baterie: 1-4 (mono) / 2-7 (trifazat)

Timp comutare off-grid: < 10 ms

AFCI: integrat 2.0 (IEC 63027)

Unități în paralel: până la 6

Comunicație: Wi-Fi / WLAN / Bluetooth

Grad de protecție: IP65

Contor compatibil: Eastron SDM630MCT / SDM120CTM



All-in-one Solution Force H3X

Maximize Savings
Dynamic Tariff Management



Schedule with Smart Load Control



Wireless Modbus

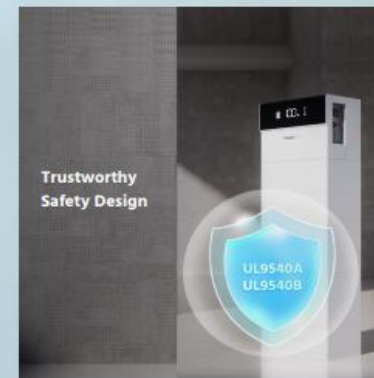
- Lower installation cost
- No More Cabling Hassles
- Faster deployment



15 mins Installation
0 Cable & Accessories



Trustworthy Safety Design

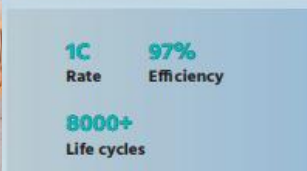


100% Three-phase
Unbalanced Output



1C Rate **97% Efficiency**

8000+ Life cycles



Hybrid Inverter ▶
3.6 - 15 kw

Battery ▶

1 - 4 Modules for Single Phase

2 - 7 Modules for Three Phase

10 - 35 kWh Single Group





Next Level Residential Energy Solution Force H3X

Hybrid Solution



On-Demand
Versatility



One-Stop Solution &
Effortless Installation



Trustworthy Safety
Design



Extraordinary
Performance



Intelligent
Solutions

On-Demand Versatility

Single Phase/ Three Phase

Wide power range

3.6 kW to **15** kW

Single group

5-35 kWh

Max. 6 groups

210 kWh

Suitable for both residential and small-scale C&I



One-Stop Solution & Effortless Installation

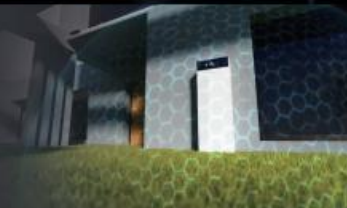
BMS+Inverter+EMS Highly integrated

15 min Installation & commissioning
Automatic paralleling, easy set-up



Trustworthy Safety Design

- Vertical integrated manufacturing
- Reliable product safety design
- AI-driven smart protection
- Various safety certifications, unit level **UL9540A**

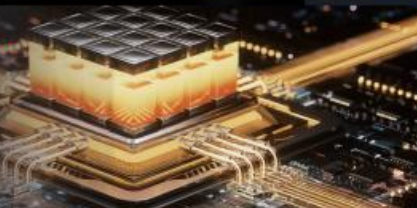


Extraordinary Performance

1 C **97%** **8000+**

Rate Efficiency Life cycles

100% Three phase load unbalance supported



Intelligent Solutions

- **Dynamic control:** Optimized energy usage strategy
- Fault diagnosis system
- Remote control of PV and heat pump





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