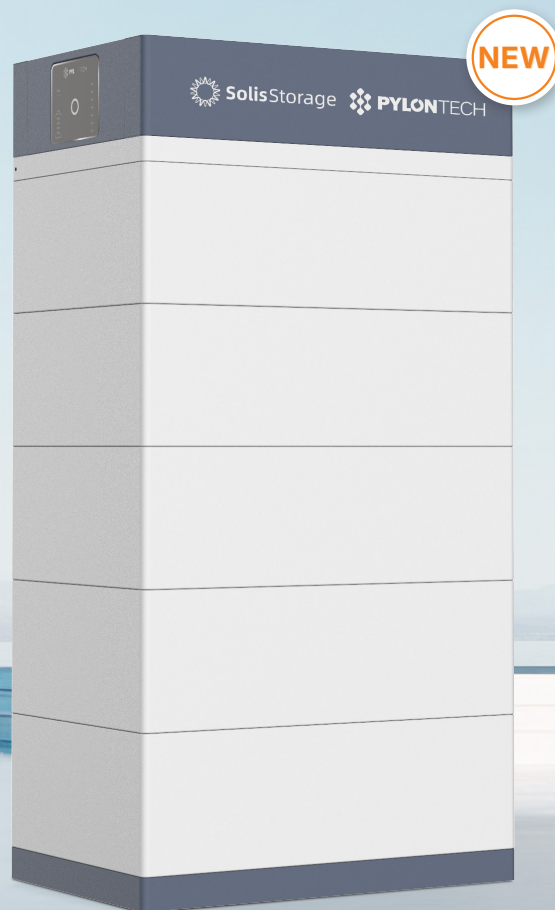


SolisStorage-Pylontech-Force-H3

- Save time and effort, plug and play
- Remote monitoring and O&M support
- One-stop after-sales service
- Flexible expansion



DATASHEET

SolisStorage-Pylontech-Force-H3



Models	2	3	4	5	6	7
Nominal Voltage	102.4 VDC					
Battery Module Capacity	5.12 kWh					
Battery System Capacity	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh
Usable Capacity	10.24 kWh	15.36 kWh	20.48 kWh	25.6 kWh	30.72 kWh	35.84 kWh
Battery System Voltage	204.8 VDC	307.2 VDC	409.6 VDC	512 VDC	614.4 VDC	716.8 VDC
Dimensions (W × D × H)	540 × 350 × 530 mm	540 × 350 × 700 mm	540 × 350 × 870 mm	540 × 350 × 1040 mm	540 × 350 × 1210 mm	540 × 350 × 1380 mm
Weight	92 kg	131 kg	170 kg	209 kg	248 kg	287 kg
Depth of Discharge	100%					
Charge / Discharge	Normal: 50 A; Max: 55 A@15MIN					
Communication port	Modbus RTU / CAN					
Multi-group	Max 6 groups in parallel					
IP rating	IP65					
Working Temperature /Charge	-10 ~ 55°C ^②					
Storage Temperature	-20 ~ 45°C					
Humidity (RH)	5% ~ 95% No condensation					
Altitude (m)	< 4000 ^③					
Design life (@25°C)	10 + Years					
Cycle life (@25°C)	> 8000 ^④					
Certification	IEC62040-1/IEC62477-1/IEC62619/IEC63056/UN38.3/VDE-AR-E 2510-50					

① The data in this material is provided by the battery manufacturer, and is recommended for use with the Solis Hybrid inverter.

② When the ambient temperature during charging exceeds 45°C, the system may enter a mode to reduce the maximum charge and discharge current to ensure battery performance.

③ When the operating altitude exceeds 2000m, to ensure battery performance, the system may enter a mode to reduce the maximum charge and discharge current.

④ The battery system, tested at an ambient temperature of 25° C and a charge/discharge rate of 0.25C, maintains a capacity retention rate higher than 70% even after 8000 cycles.