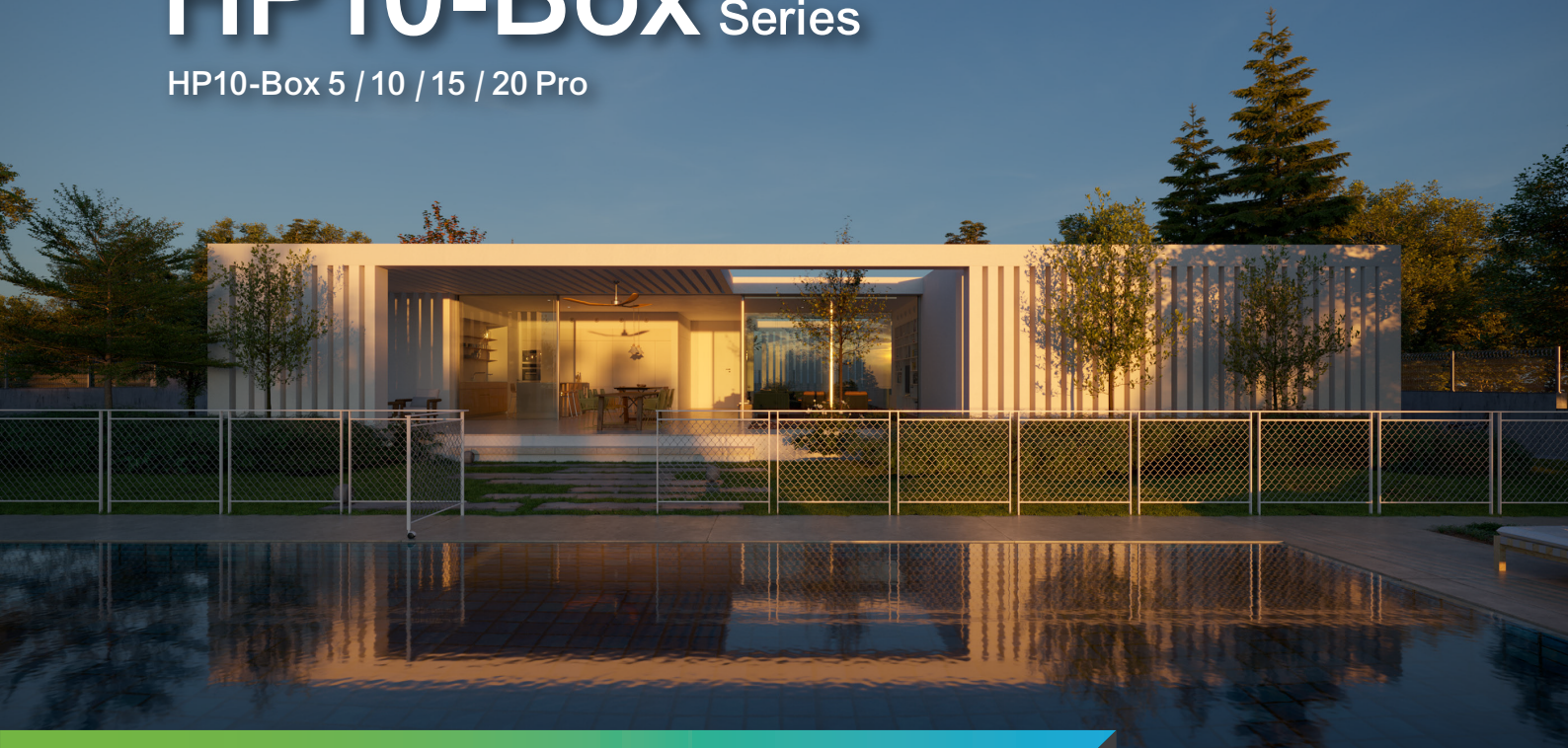


HP10-Box Series

HP10-Box 5 / 10 / 15 / 20 Pro



Low Voltage Battery System

5.12 kWh

Product Features

- **Minimalist exterior design**
European minimalist style appearance, hanging on the wall,
Stacked mounting design.
- **Automatic configuration**
Automatically assign addresses without dialing
- **Supports wireless readings**
Support Bluetooth APP wireless reading function
- **Wide compatibility**
Match 20+ mainstream inverters
- **Multi-dimensional security design**
Three-level security protection + first-level security warning
(Structure + Cell + Electrical + Abnormal Information Feedback)



HP10-Box 5 Pro Series

HP10-Box 5 / 10 / 15 / 20 Pro Parameters

- The HP10-Box Pro series battery pack is a 51.2V battery system with **One*N minimalist + LEGO stacking design**, which can support two modular combination mounting methods: wall mount and stack.
- An HP10-Box Pro battery pack system consists of 1~4 HP10-Box5 Pro battery modules connected in parallel, with a capacity between 5 and 20kWh (available). Multiple HP10-Box20 Pro battery pack systems can be connected in parallel to form a maximum of 60kWh systems.

Battery Model	HP10-Box5 Pro	HP10-Box10 Pro	HP10-Box15 Pro	HP10-Box20 Pro
				
Cell Module	HP-10 Box5(5.12 kWh)			
Number of Modules	1	2	3	4
Available Energy ^[1]	5.12 kWh	10.24 kWh	15.36 kWh	20.48 kWh
Maximum output power	4.1 kW	8.2 kW	12.3 kW	16.4 kW
Nominal Capacity	5.4kW,10S	10.5kW,10S	15.5kW,10S	20.0kW,10S
Round-Trip Efficiency	≥94.0 %[1]			
Nominal Voltage	51.2V			
Operating Voltage Range	45.0~56.4V			

General				
Dimensions (W / H / D)	580 * 250 * 440 mm	580 * 400 * 440 mm	580 * 550 * 440 mm	580 * 700 * 440 mm
Weight	58 ± 2 kg	105 ± 2 kg	152 ± 2 kg	200 ± 2 kg
Communication	Can / RS485			
Installation	Floor / Wall mounting			
Operating Temperature ^[2]	Charge: -5°C~+50°C ; Discharge: -20°C~+50°C; Recommended: +15~+35°C			
Scalability	Max. 3 systems in parallel / 60 kWh			

Safety / Standards	
Certification	UL1973(UL)、IEC62619 (TUV) 、CE-EMC、UN38.3、CEI0-21、UKCA、VDE2510-50、IEC-EN62477
Protection Level	IP21
Compatible Inverters	Deye、Growatt (SPH/SPF) 、Goodwe、Victron、Sofar、SMA 、SRNE、LUX、Solis、TBB、 Soruide、Megarevo、Sungrow、Afore、Sacular、SMK solar、Voltronic

[1] Test conditions: 100% DOD, 0.2Ccharge & discharge at + 25 °C

[2] -5°Cto 10 °Cwill be derating

Green Energy

ESS Minimalist Household Energy Storage Solutions