


RESIDENTIAL STACKABLE ESS



PowerHome-H2 (7.1–21.31kWh)

-  Modular & “Plug-Play” design
-  Easy installation, stackable design
-  Remote upgrade available
-  Up to 12 units in parallel
-  IP54 outdoor design
-  Real-time monitoring

Residential Stackable ESS

Model	PowerHome 7.1-H2	PowerHome 10.66-H2	PowerHome 14.21-H2	PowerHome 17.76-H2	PowerHome 21.31-H2
Electrical Parameters					
Cell Type	LiFePO4				
Number of Modules	2	3	4	5	6
Nominal Energy Usable Capacity [kWh]	7.1	10.66	14.21	17.76	21.31
Nominal Voltage [V]	192	288	384	480	576
Voltage Range [V]	168 ~ 219	252 ~ 328	336 ~ 438	420 ~ 547	504 ~ 657
Max. Charging / Discharging Power [kW]	4.26	6.39	8.52	10.65	12.78
Depth of Discharge	95%				
General Data					
Dimensions [W * D * H] [mm]	504*380*700	504*380*900	504*380*1100	504*380*1300	504*380*1500
Weight [kg]	105	146	187	228	269
Degree of Protection	IP54				
Operating Temperature Range ^[1] [°C]	-10 ~ 50				
Communication	CAN / RS485 / RS232				
Protection	Overcharge / Overdischarge / Overcurrent / Overtemperature / Short Circuit				
Certifications					
Certifications	UN38.3 / CE-EMC / IEC62040 / IEC62619 / IEC62477 / IEC60730 / IEC63056 / UKCA / VDE2510-50				

[1] Ambient temperature charging (0 ~ 50°C), discharging (-10 ~ 50°C)