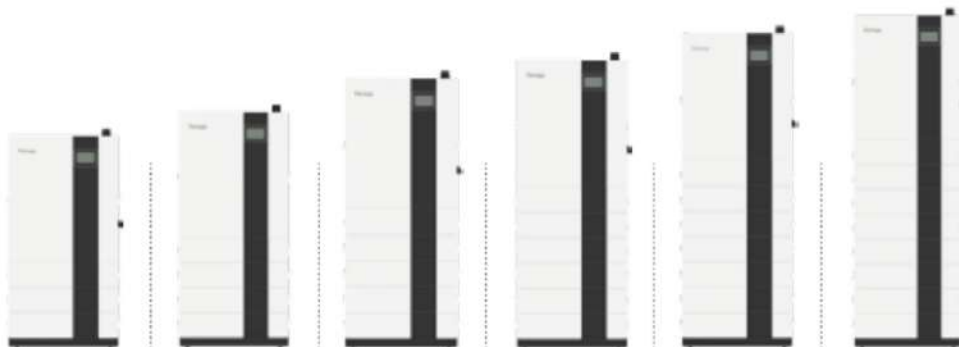


Residential 3-Phase G Series Energy Storage Systems



Inverter Properties	PRESS-G1015	PRESS-G1020	PRESS-G1025	PRESS-G1030	PRESS-G1035	PRESS-G1040
Max. Efficiency	97.9% (PV-AC), 98.0% (BAT-AC)					
[PV] Max. Power	15000W					
[PV] Max. Voltage	1000V					
[PV] MPPT Voltage Range	160V-950V					
[PV] Max. Input Current	20A/30A					
[PV] # of MPPT Trackers	2 (1+2 strings)					
[BATT] Voltage Range	120V-600V					
[BATT] Max. Charge/Discharge Power	15000W / 11300W					
[BATT] Max. Charge/Discharge Current	50A / 50A					
[AC] Nominal Output Power	10000W					
[AC] Nominal Voltage	380V/400V/415, 3L+N+PE					
[AC] Voltage Range	260V-520V (Adjustable)					
[AC] Max. Output Current	3 * 16.7A					
[AC] Frequency Range	45Hz-55Hz / 55Hz-65Hz (Adjustable)					
[AC] THDI	<5% (Rated Power)					
Interface / Communication	Screen, CAN					
Warranty	10 years					
Parallel Connection	No					
Battery Properties						
Battery Type	LiFePO ₄ - Prismatic					
Nominal Voltage	153.6V	204.8V	256V	307.2V	358.4V	409.6V
Operating Voltage Range	132V - 170V	176V - 227V	220V - 284V	264V - 340V	308V-397V	352V-454V
Nominal Capacity	100Ah					
Nominal Energy Capacity	15.36kWh	20.48kWh	25.60kWh	30.72kWh	35.84kWh	40.96kWh
Standard Charge/Discharge Current	50A					
Max. Continuous Output Current	50A					
Cycle Life (*)	≥6000 cycles					
Charging Temperature	0~50°C					
Discharging Temperature (**)	-10~55°C					
Storage Temperature	-20~55°C					
Parallel Connection	No					
Mechanical Properties						
Protection Level	IP65					
Dimension (WxDxH) (with antenna)	683x455x1330 mm	683x455x1480 mm	683x455x1630 mm	683x455x1780 mm	683x455x1930 mm	683x455x2080 mm
Weight	244 ± 5 kg	296 ± 5.5 kg	348 ± 6 kg	400 ± 6.5 kg	452 ± 7 kg	504 ± 7.5 kg

(*) Test Conditions: 25°C, 70% SOH

(**) Performance may vary in different conditions