



All-in-one Design

- · All in one with 1.92 kWh capacity.
- Expandable to 9.6 kWh by stacking battery packs.
- Plug-in system, DIY.



Excellent Electrical Performance

- 1500W AC charging power for fast charging.
- 1500W off-grid output power for daily backup or outdoor activities.
- Four MPPTs with 2400W PV input.



Superb Safety & Reliability

- Aerosol Fire Suppression System.
- Compatible with European meter brand Shelly for self-consumption.
- Battery pack equipped with a self-heating feature for normal operation in low temperatures.



High Quality

- 10-year warranty, designed for European homes.
- · Certificated by TUV
- Handles -20 $^{\circ}$ C to 55 $^{\circ}$ C



Model GWO 8/19-ESA-PS-G10 GWO 8/3.8 GWO 8/15.7 GWO 8/16.0 GWO 8/19.0 Number of Basic Unit 1 2 3 4 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 2 3 3 4			0	0	0	0	
Number of Expansion Battery System 0 1 2 3 4 Total Rated Capacity 100Ah 200Ah 300Ah 400Ah 500Ah Total Rated Energy 192kWh 3.84kWh 5.67kWh 7.68kWh 0.6kWh Total Weight 26kg 47kg 68kg 89kg 110kg Total Catted Energy 480*249*260mm 480*269*260mm 480*789*260mm 480*789*260mm Dimensions (Basic Unith) Unith LEP LEP LEP Connectivity ELP LEP LE	Model	GW0.8/1.9-ESA-PS-G10	GW0.8/3.8	GW0.8/5.7	GW0.8/7.6	GW0.8/9.6	
Battery System 0 1 2 3 4 Total Rated Capacity 100Ah 200Ah 300Ah 400Ah 500Ah Total Weight 26kg 47kg 68kg 39kg 110kg Total Dimensions (Basic Unit) 480°249°260mm 480°429°260mm 480°69°260mm 480°789°260mm 480°69°260mm Dimensions (Battery) 480°188.5°260 mm FFP		1	1	1	1	1	
Total Rated Energy 1.92kWh 3.84kWh 5.67kWh 7.68kWh 9.6kWh Total Weight 26kg 47kg 68kg 89kg 110kg Total Dimensions (Basic Unit) 480°249°260mm 480°60°260mm 480°789°260mm 480°96°260mm Dimensions (Battery) 480°148°188.5°260 mm 480°188.5°260 mm 150°00	Number of Expansion Battery System	0	1	2	3	4	
Total Weight 26kg 47kg 68kg 89kg 110kg Total Dimensions (Basic W+H>D) mm 480*249*260mm 480*609*260mm 480*699*260mm 480*699*260mm Dimensions (Bastery) 480*249*260mm 480*69*260mm 480*69*260mm Battry Type LFP LFP LFP Connectivity Blactry Type LFP LFP Operating Temperature Range -20°C → 55°C (With heating) -20°C → 55°C (With heating) Operating Overage Rage 13-60V 18A Max. MPPT Current 18A 1500W AC Charging Power 1500W 1500W Off-gird AC Output 6000 25±2°C 1 Qvicle Life 6000 25±2°C 1 Number of MPPT Trackers 4 6000 Relative Humidity 3000m Altitude 0,5°P 10%CDD 70%EDL Topology PD3 (Extrans) PD2 (Internal) Poliution Degree OVCII (DC) Overvoltage Category 10VCII (AC)	Total Rated Capacity	100Ah	200Ah	300Ah	400Ah	500Ah	
Total Dimensions (Wish Dimm) 480*249*260mm 480*609*260mm 480*789*260mm 480*609*260mm Dimensions (Basic Unit) 380*188.5*260 mm FERROR 188.5*260 mm FERROR 188.5*260 mm Battry Type LFP LFP FERROR 188.5*260 mm FERROR 188.5*260 mm Operating Temperature Range **20°C **55°C (With heating) **30°C **30°C (With heating) **30°C **30°C (With heating) Operating Temperature Range **30°C **30°C (With heating) **30°C (With heating) <td< th=""><th>Total Rated Energy</th><th>1.92kWh</th><th>3.84kWh</th><th>5.67kWh</th><th>7.68kWh</th><th>9.6kWh</th></td<>	Total Rated Energy	1.92kWh	3.84kWh	5.67kWh	7.68kWh	9.6kWh	
Dimensions (Basic Unit) 480°49′260mm 480°49°4260mm 480°49′260mm 480°49′260mm 480°49′260mm 480°49′260mm 480°49′260mm 480°49′260mm 480°49°4260mm 480°49°4260m	Total Weight	26kg	47kg	68kg	89kg	110kg	
Dinersions (Battery) 480°188.5°260 mm Battry Type LFP Connectivity Bluetooth, Wi-Fi Operating Temperature Range -20°C ~ +55°C (With heating) Operating Voltage Rage 13-60V Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II		480*249*260mm	480*429*260mm	480*609*260mm	480*789*260mm	480*969*260mm	
Battry Type LFP Connectivity Bluetooth, Wi-Fi Operating Temperature Range -20°C -+55°C (With heating) Operating Voltage Rage 13-60V Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II		480*249*260 mm					
Connectivity Bluetooth, Wi-Fi Operating Temperature Range -20°C ~+55°C (With heating) Operating Voltage Rage 13-60V Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Dimensions (Battery)	480*188.5*260 mm					
Operating Temperature Range -20°C -+55°C (With heating) Operating Voltage Rage 13-60V Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvottage Category OVCII (AC) Protection Class Class II	Battry Type	LFP					
Temperature Range 250 € 245 € (With Heading) Operating Voltage Rage 13-60V Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Connectivity	Bluetooth, Wi-Fi					
Voltage Rage 15-800 Max. MPPT Current 18A Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Attitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Operating Temperature Range	-20°C ~+55°C (With heating)					
Max. PV Input Power 2400W AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Operating Voltage Rage	13-60V					
AC Charging Power 1500W Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT 4 Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class II	Max. MPPT Current	18A					
Off-gird AC Output 1500W Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Max. PV Input Power	2400W					
Max. Operating > 6000 (25±2°C) Cycle Life 6000 Number of MPPT Trackers 4 Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	AC Charging Power	1500W					
Cycle Life 6000 Number of MPPT 4 Trackers 3000m Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class II	Off-gird AC Output	1500W					
Number of MPPT Trackers Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class I	Max. Operating	> 6000 (25±2°C)					
Relative Humidity 3000m Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class Class II	Cycle Life	6000					
Altitude 0.5P 100%DOD 70%EOL Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class I		4					
Topology PD3 (External) PD2 (Internal) Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class II	Relative Humidity	3000m					
Pollution Degree OVCII (DC) Overvoltage Category OVCII (AC) Protection Class II	Altitude	0.5P 100%DOD 70%EOL					
Overvoltage Category OVCII (AC) Protection Class Class II	Topology	PD3 (External) PD2 (Internal)					
Protection Class Class II	Pollution Degree			OVCII (DC)			
	Overvoltage Category		OVCII (AC)				
Ingress Protection IP65			Class II				
	Ingress Protection		IP65				
Mounting Method Floor stacked	Mounting Method	Floor stacked					

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