

Technical Comparison

GivEnergy All in One

Feature	AC Coupled 3.6kW	AC Coupled 6.0kW
Power (On Grid)	3.6kW	6kW
Nominal AC Current	16A	26A
Nominal Grid Voltage	230v (180v – 270v)	230v (180v – 270v)
Rated Grid Frequency	50/60Hz ±5hz	50/60Hz ±5hz
Power Factor	0.8 Leading – 0.8 Lagging	0.8 Leading – 0.8 Lagging
PF at full Load	N/A	N/A
Total Harmonic Distortion (THD)	< 3%	< 3%
Power (Off Grid)	7.2kW peak / 6kW continuous	7.2kW peak / 6.0kW continuous
Max Parallel Operation	2	2
Battery Capacity	13.5kWh	13.5kWh
Nominal Voltage	307V	307V
Charge/Discharge Power	N/A	N/A
Max Charge/Discharge	25A	25A
Battery Voltage Range	260 – 346V	260 – 346V
Depth of Discharge	100%	100%
Max Additional Packs	N/A	N/A
Topology	Transformerless	Transformerless
Cooling System	Passive Cooling	Passive Cooling
Connectivity	WiFi, LAN, 4G	WiFi, LAN, 4G
Communication	RS485/CAN/LoRa	RS485/CAN/LoRa
Warranty	12 Years	12 Years
Operating Temperature Range	-10°C – 50°C	-10°C – 50°C
Relative humidity	0 – 95%	0 – 95%
Altitude (Derating above 2000m)	4000m	4000m
Noise Emission (Typical)	< 30dB	< 30dB
Ingress Protection	IP65	IP65
Weight	173.7Kg	173.7Kg
Dimensions (excl. feet)	1100H x 600W x 280D (mm)	1100H x 600W x 280D (mm)