

Technical Comparison

AU Single Phase Hybrid Inverters

FEATURE	GIV-HY-3.6-AU	GIV-HY-5.0-AU
Nominal AC Output Power	3.6 kW	5.0 kW
Max. Apparent Power Output to Utility Grid	3.6 kVA	5.0 kVA
Max. DC Input Power	5.4 kW	7.5 kW
Max. Charge / Discharge Power	4.0 kW/4.0 kW	5.4 kW/5.4 kW
Max. Output Current (AC)	16A	21.7A
Backup Terminal (AC) Nominal Output Power	3.6 kW	5.0 kW
Backup Terminal (AC) Max Output Current	16A	21.7A
Max. Input Current (per string)	17A	17A
Max. Short Current (per string)	23A	23A
MPPT Tracker / No. of Strings per MPPT	2/1	2/1
MPPT voltage range	90V-550V	90V-550V
Max PV Voltage	600V	600V
Nominal Voltage / Range (AC)	230V/180-270VAC	230V/180-270VAC
AC Connection	Single Phase	Single Phase
Battery Type	LiFePO ₄	LiFePO ₄
Battery Nominal Voltage	51.2VDC	51.2VDC
Battery Voltage Range	46.7-57.6V / 45V-58V	46.7-57.6V / 45V-58V
Dimensions (H x D x W)	583H x 205D x 480W (mm)	583H x 205D x 480W (mm)
Weight	34 Kg	34 Kg
Operational Temperature	-25°C – 60°C	-25°C – 60°C