

Technical Comparison

AU Three Phase Hybrid Inverters

FEATURE	GIV-3HY-6.0-HV	GIV-3HY-8.0-HV	GIV-3HY-10.0-HV	GIV-3HY-11.0-HV
Nominal AC Output Power	6 kW	8 kW	10 kW	11 kW
Max. Apparent Power Output to Utility Grid	6 kVA	8 kVA	10 kVA	11 kVA
Max. DC Input Power	9 kW	12 kW	15 kW	15 kW
Max. Charge / Discharge Power	6 kW/6 kW	8 kW/8 kW	10 kW/10 kW	11 kW/11 kW
Max. Output Current (AC)	8.7A	11.6A	14.5A	15.9A
Backup Terminal (AC) Nominal Output Power	6 kW	8 kW	10 kW	11 kW
Backup Terminal (AC) Max Output Current	8.7A	11.6A	14.5A	15.9A
Max. Input Current (per string)	15A	15A	15A	15A
MPPT Tracker / No. of Strings per MPPT	2/1	2/1	2/1	2/1
MPPT voltage range	200V – 850V	200V – 850V	200V – 850V	200V– 850V
Max PV Voltage	1000V	1000V	1000V	1000V
Nominal Voltage / Range (AC)	400/380VAC, 3W/N/PE	400/380VAC, 3W/N/PE	400/380VAC, 3W/N/PE	400/380VAC, 3W/N/PE
AC Connection	Three Phase	Three Phase	Three Phase	Three Phase
Battery Type	Li-ion / LiFePO ₄	Li-ion / LiFePO ₄	Li-ion / LiFePO ₄	Li-ion / LiFePO ₄
Battery Nominal Voltage	450VDC	450VDC	450VDC	450VDC
Battery Voltage Range	200–800VDC / 200–600VDC	200–800VDC / 200–600VDC	200–800VDC / 200–600VDC	200–800VDC / 200–600VDC
Charge / Discharge Current (Battery)	25A / 25A	25A / 25A	25A / 25A	25A / 25A
Dimensions (H x D x W)	658H x 214D x 480W (mm)	658H x 214D x 480W (mm)	658H x 214D x 480W (mm)	658H x 214D x 480W (mm)
Weight	35 Kg	35 Kg	35 Kg	35 Kg
Operational Temperature	-25°C – 60°C	-25°C – 60°C	-25°C – 60°C	-25°C – 60°C