

Technical Comparison

3-Phase Hybrid Inverters

SPECS	6kW Model	8kW Model	10kW Model	11kW Model	20kW Model
Max DC Input Power (W)	9,000	12,000	15,000	15,000	30,000
Start-up Voltage (V)	200	200	200	200	200
Max PV Voltage (V)	1,000	1,000	1,000	1,000	1,000
MPPT Range (V)	200–850	200–850	200–850	200–850	200–850
Nominal Voltage (V)	600	600	600	600	600
Max Short Circuit Current (A)	20	20	20	20	37.5
Max Input Current (A)	15	15	15	15	30
MPPT Trackers / Strings	2 / 1 per tracker	2 / 1 per tracker	2 / 1 per tracker	2 / 1 per tracker	2 / 2 per tracker
Nominal AC Output Power (W)	6,000	8,000	10,000	11,000	20,000
Max Apparent Power (VA)	6,600	8,800	11,000	11,000	20,000
Max Output Current (A)	10.5	13.5	16.5	16.5	29
Battery Voltage Range (V)	200–600	200–600	200–600	200–600	200–800
Max Charge/Discharge Power (W)	6,000	8,000	10,000	11,000	20,000
Charge/Discharge Efficiency (%)	97.6/96	97.6/96	97.6/96	97.6/96	97.5/97
PV Max Efficiency (%)	97.9	97.9	97.9	97.9	98
MPPT Efficiency (%)	99.9	99.9	99.9	99.9	99.9
Weight (kg)	35	35	35	35	40.4
Dimensions (mm)	658H x214D x480W	658H x214D x480W	658H x214D x480W	658H x214D x480W	658H x214D x480W
Protection Class	IP65	IP65	IP65	IP65	