

Single Phase Hybrid Inverter



4KW
6KW



Feed-in to the Grid



Works Without Battery

BMS

Battery Management System



Built-in Wi-fi



Dual Output



VDC Range
60-450



Max Efficiency
93%



Built-in 120A Mppt
solar charger



5.2" LCD with touch
pad

PV - 6000 | PV - 9000



**4KW
6KW**

| MODEL NAME | XAVIER-III-4KW | XAVIER-III-6KW |
|---------------------------------------|--|-----------------------|
| RATED POWER | 4000VA/4000W | 6000VA/6000W |
| INPUT | | |
| Voltage | 230VAC | |
| Selectable voltage range | 170 ~ 280VAC (for personal computers) 90 ~ 280VAC (for home appliances) | |
| Frequency range | 50 Hz / 60 Hz (auto sensing) | |
| OUTPUT | | |
| AC voltage regulation (batt. mode) | 230VAC \pm 5% | |
| Surge power | 7200VA | 12000VA |
| Efficiency (peak) | 93% | |
| Transfer time | 10ms (for personal computers), 20ms (for home appliances) | |
| Waveform | Pure sine wave | |
| Dual outputs | Yes | |
| BATTERY | | |
| Battery voltage | 24VDC | 48VDC |
| Floating charge voltage | 27VDC | 54VDC |
| Overcharge protection | 33VDC | 63VDC |
| SOLAR CHARGER & AC CHARGER | | |
| Solar charger type | MPPT | |
| Max. PV array open circuit voltage | 500VDC | |
| Max. PV array power | 6000W | 9000W |
| Max. PV input current | 40A | |
| MPPT range @ operating voltage | 60 ~ 450VDC | |
| Max. solar charge current | 120A | |
| Max. AC charge current | 100A | |
| Max. charge current | 120A | |
| GENERAL SPECIFICATION | | |
| Dimension, D*W*H (mm) | 107*322.6*420.3 | |
| Net weight (Kgs) | 9.5 | 10.5 |
| Communication interface | Wi-fi / RS-485 / CAN | |
| OPERATING ENVIRONMENT | | |
| Humidity | 5% to 95% relative humidity (non-condensing) | |
| Operating temperature | -10°C to 50°C | |
| Storage temperature | -15°C to 60°C | |