

## Power Wave



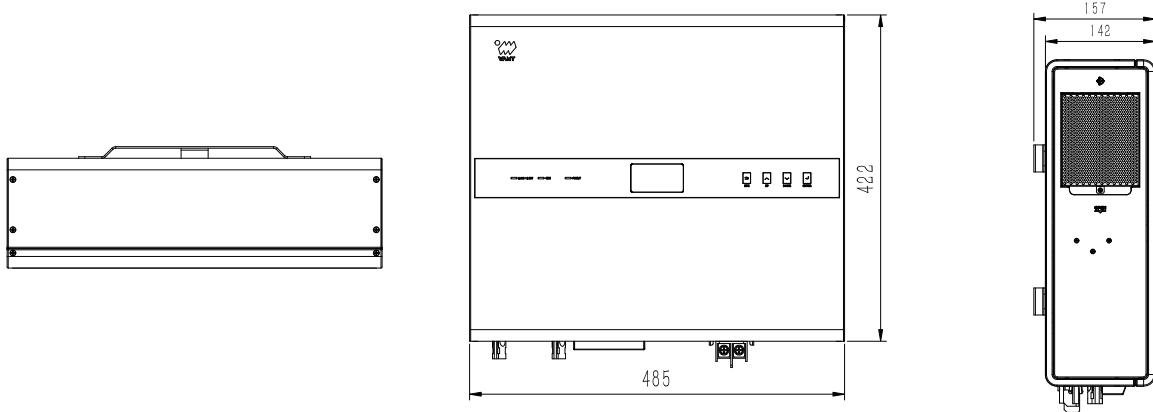
### Feature

- Pure sine wave output.
- 500Voc high PV input voltage.
- Built-in ATS .
- 1 phase and 3 phase are supported.
- Operate in both battery-based and battery-less modes.
- Scalable by up to 6 unit in parallel.
- WiFi / GPRS remote monitoring.

# Technical Parameters

INVERTER OUTPUT	
Rated power	6000W
Rated voltage / AC voltage range	230V / 220V to 240V
Rated frequency	50Hz / 60Hz
Rated surge power	12000W
Peak efficiency	94%
Transfer time	10ms typically, 20ms maximum
Waveform	Pure sine wave
SOLAR CHARGER	
Maximum solar charge current	100A
Maximum PV array power	String 1: 4000W + String 2: 4000W
Maximum PV array open circuit voltage	500V
MPPT operating voltage range	120V to 250V
AC INPUT	
Rated grid voltage / AC voltage	230V
Rated grid frequency / permitted frequency	50Hz / 60Hz (Auto sensing)
Maximum charge current	80A
BATTERY INPUT	
Rated input voltage	48V
Battery type	Lithium / Lead-acid
GENERAL DATA	
Dimensions (W / H / D )	485mm / 422mm / 157mm
Weight	13.5 kg
Maximum parallel units (ONLY with battery)	6
Operating temperature range	0°C to +50°C
Storage temperature range	-15°C to +60°C
Humidity range	5% to 95% (Non-condensing)
Communication interface	CAN / RS485
Monitoring option	WiFi / GPRS

## Structure



## Electrical Schematic

