

TP-3

Off Grid Three Phase Hybrid Inverter Charger



Wall-mounted:9-18KW

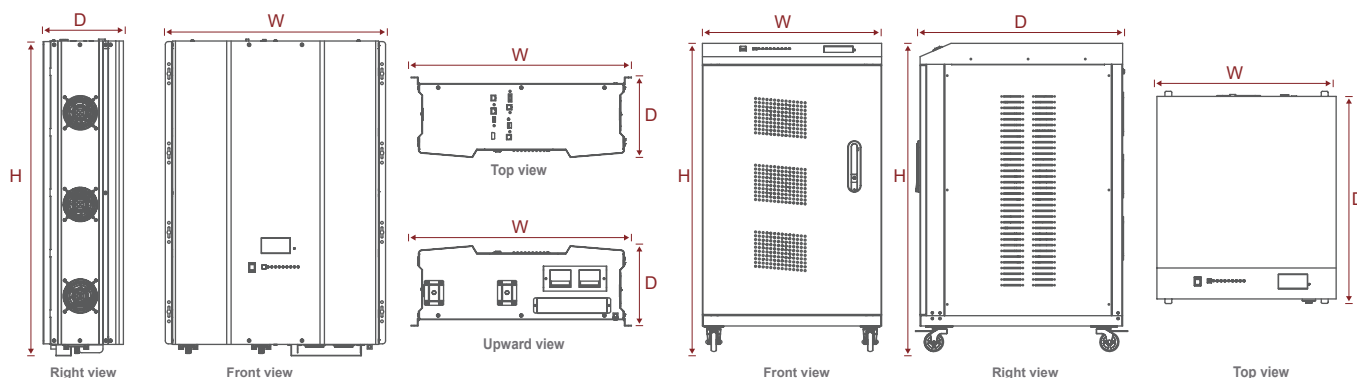


Cabinet type:36KW

• Features

- Unbalance load acceptable idle consumption search Mode,less than 100w when power saver on.
- Remote control optional(LED or LCD remote).
- MODBUS/RS485/CAN communication.
- Built-in EMS.
- Low frequency 48Vdc.
- 9K/18K/36K 400V/207V optional.
- 180A~720A AC charging current.
- 100% three phase unbalance.
- Grid-battery hybrid power supply.

• Product Dimensions



Model	TPP 9KW~18KW (Wall-mounted)	TPP 36KW (Cabinet type)
Size(W*D*H)	583*213*803mm	513*650*835mm

• Technical Parameter

TP-3 Series Off Grid Three Phase Hybrid Inverter Charger				
Inverter Output	Model	9KW	18KW	36KW
	Continuous Output Power	9000W	18000W	36000W
	Surge Rating(20s)	27000W	54000W	108000W
	Capable of Starting Electric Motor	9HP	18HP	36HP
	Unbalance Load Acceptable	100%		
	DC Input Voltage	48Vdc		
	Output Waveform	Pure Sine wave/Same as input (Bypass mode)		
	Nominal Efficiency	89% (Peak)		
	Line Mode Efficiency	>95%		
	Power Factor	0.9-1.0		
	Connection Mode	3-phase 4-wire system+Grid		
	Output Voltage Rating	3AC/N 400V/207V		400V
	Output Phase Voltage	120/230Vac	120/230Vac	230Vac
	Output Voltage Regulation	±10% RMS		
	Output Frequency	50/60Hz ± 0.3Hz		
	Short Circuit Protection	Yes, current limit function (Fault after 60ms)		
	Typical Transfer Time	Typical 6~8ms,10ms (Max)		
	THD	<3% linear load		
DC Input	Nominal Input Voltage	48Vdc		
	Min. Start Voltage	42Vdc / 44Vdc		
	Low Battery Alarm	42Vdc / 44Vdc		
	Low Battery Trip	40Vdc / 42Vdc		
	High Voltage Alarm & Fault	64Vdc		
	High DC Input Recovery	62Vdc		
	Low Battery Voltage Recover	52Vdc		
	Idle Consumption-Search Mode	< 100W(When power saver on)		
Charge	Input Voltage Range	Narrow: 96~132Vac/ 184~253Vac ; Wide:70~135Vac / 140~270Vac		
	Input Frequency Range	Narrow: 47-55±0.3Hz for 50Hz,57-65±0.3Hz for 60Hz Wide: 40-70±0.3Hz for 50Hz/60Hz		
	Output Voltage	Same as input		
	Charger Breaker Rating(230Vac)	20A	30A	60A
	Charger Breaker Rating(120Vac)	30A	60A	