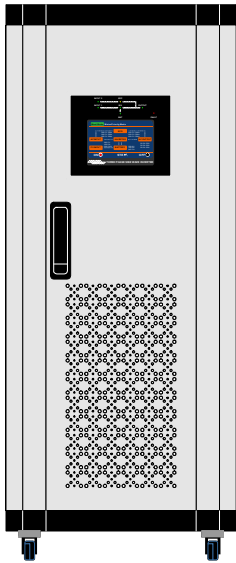


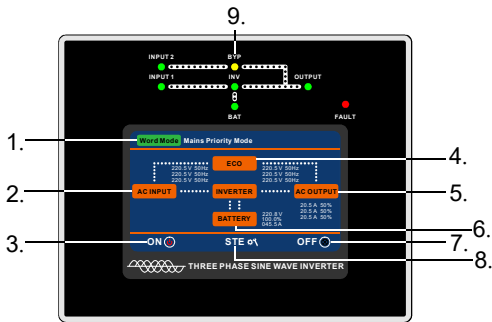
Three-Phase inverter

Feature:

- ▶ Generator compatible
- ▶ Standard RS485, Optional WI-FI APP
- ▶ IGBT inverter with output isolation transformer
- ▶ Dual input design, supporting independent bypass
- ▶ LCD+LED touch screen display, easier to maintenance
- ▶ Wide input voltage range, 50 / 60 Hz auto-sensing frequency
- ▶ Dual DSP for independent control of power module, no single point of failure
- ▶ Support 100% unbalanced load, single-phase full load, any two-phase full load.
- ▶ Advanced digital and parallel technology, providing higher reliability than single system
- ▶ Strong load adaptability and loading capacity, and excellent power grid applicability
- ▶ Conformal coating technology to make Inverter operate in harsh environment for a long time
- ▶ Effective hardware and software protection, robust self-diagnosis function, abundant event log for future check
- ▶ Intelligent battery management, automatic floating/equalizing charge control, battery self-diagnosis control
- ▶ Compatible with lead-acid battery and lithium battery, suitable for different types of battery configuration requirements
- ▶ With MPPT solar charge controller 100A-300A (Optional)

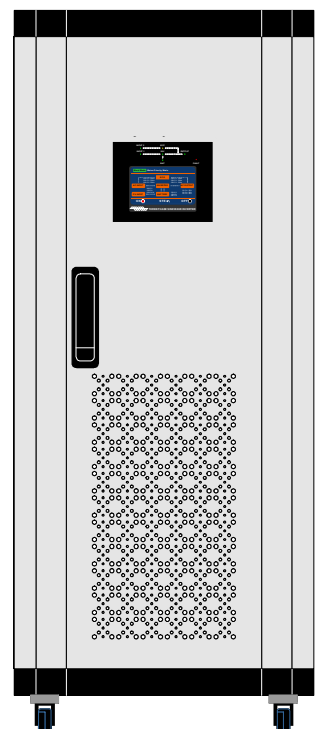
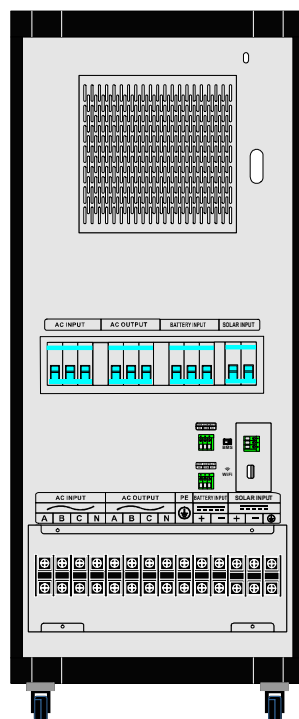
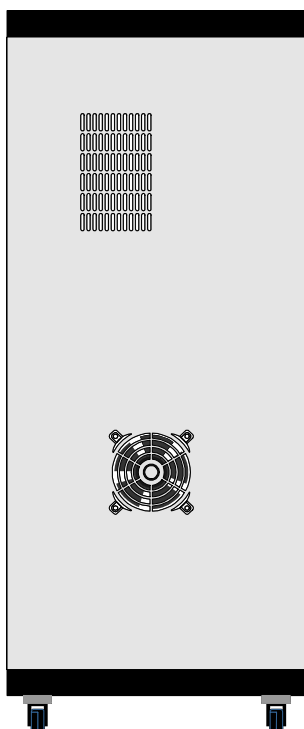


LCD Display Information:



NO	LCD Display	Contents Descriptions
1.	Word Mode	Working mode code
2.	AC Input	Input Voltage Value
3.	ON	Power ON
4.	ECO Mode	Bypass Voltage Value
5.	AC Ouput	Output Voltage Value
6.	Battery	Battery Voltage Value
7.	OFF	Power OFF
8.	SET	Operation Mode
9.	LED	LED indicator

Back anel Printing Description:



## Specification

MODEL		10KW	15KW	20KW	30kW	40KW	50KW	60KW	80KW	100KW	150KW	200KW
Inverter Output	Rated power	10KW	15KW	20KW	30kW	40KW	50KW	60KW	80KW	100KW	150KW	200KW
	Surge rating(20MS)	30KW	45KW	60KW	90kW	120KW	150KW	180KW	240KW	300KW	450KW	600KW
	Wave form	Pure sine wave										
	Power factor	1										
	Phase	Three-phase five-wire (3L+N+PE)										
	Output voltage	380VAC/400VAC/415VAC;220VAC/230VAC/240VAC										
	Output frequency	50Hz or 60Hz (±0.3Hz)										
	Voltage distortion(THDI)	≅ 2%(linear load), ≅ 5%(non-linear load)										
	Inverter efficiency (peak)	>90%										
	Line mode efficiency	>95%										
	Overload	120%<Load<130% ±10:Fault(Turnoff output after 60seconds) 130%<Load<150% ±10:Fault(Turnoff output after 10seconds) 150%<Load ±10:Fault(Turnoff output after 10seconds)										
Battery	Battery voltage	96VDC	√	√	/	/	/	/	/	/	/	/
		192VDC	√	√	√	√	/	/	/	/	/	/
		384VDC	√	√	√	√	√	√	√	√	√	√
	Low battery voltage cut of	10V(default) for 12VDC mode (*8 for 96VDC, *16 for 192VDC, *32 for 384VDC)										
	Low battery voltage alarm	16V for 12VDC mode (*8 for 96VDC, *16 for 192VDC, *32 for 384VDC)										
	High Battery Voltage Recover	15.5V for 12VDC mode (*8 for 96VDC, *16 for 192VDC, *32 for 384VDC)										
	Battery type	Lead Acid,Lithium										
AC Input Mode	Input wave form	Pure sine wave										
	Phase	Three-phase five-wire (3L+N+PE)										
	AC input voltage	380VAC/400VAC/415VAC;220VAC/230VAC/240VAC										
	Voltage Range	285-478VAC±15%										
	Input frequency	50Hz / 60Hz (auto sensing)										
	Frequency range	45-65Hz										
	Current distortion(THDI)	<5%(full load)										
	Transfer time AC to DC	8ms(Max)										
AC Charge Current(Max)	30A(Adjustable)											
Solar Charger	Maximum PV Charge Current	100A/200A/300A										
	Maximum PV Array Power	96V Solar system	100A:9600W;200A:19200W;300A:28800W									
		192V Solar system	100A:19200W;200A:38400W;300A:57600W									
		384V Solar system	100A:38400W;200A:76800W;300A:115200W									
	MPPT Range @ Operating Voltage	120~270VDC @ 96V;240~450VDC @ 192V;480~800VDC @ 384V										
Maximum PV Array Open Circuit Voltage	280VDC @ 96V; 500@ 192V; 850@384V											
Others	Mounting	Vertical Mount										
	Interface	Rs485, WIFI,Programmable Dry Contact(Optional)										
	Altitude	<1000m, load derated 1% per 100m from 1000~2000m										
	Storage Temperature	-10°C to 50°C										
	Audible Noise	70dB										
	Display	LED+LCD										
	Protection Degree	IP20										
	Warranty	1year										

\*Product Specifications are subject to change without further notice