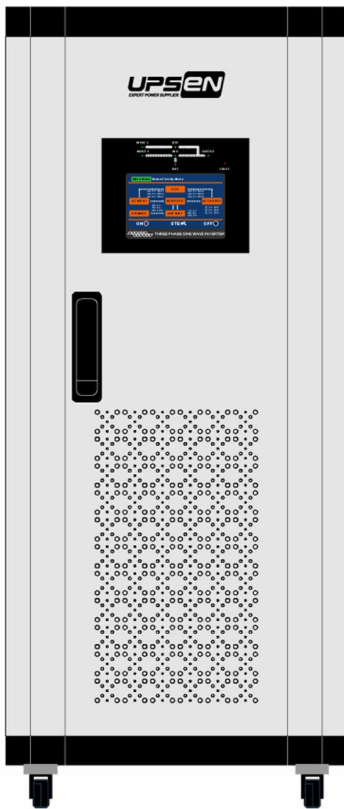


TP33 Series 10KW - 200KW

Low Frequency Pure Sine Wave Inverter TP33 Series

TP33 Series 10KW - 200KW (3 ph in / 3ph out)

Key Features:



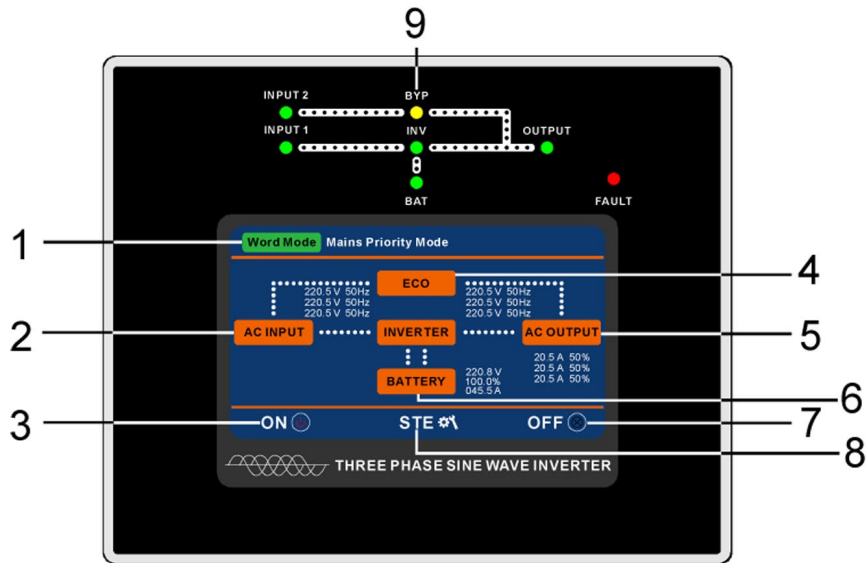
- Generator Compatible.
- Standard RS485, Optional WIFI APP.
- IGBT inverter with output isolation transformer.
- Dual input design, supporting independent bypass.
- LCD+LED touch screen display, easier to maintenance.
- Wide input voltage range, 50/60Hz auto-sensing frequency.
- Dual DSP for independent 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 I operate in harsh environment for a long time.
- Effective hardware and software protection, robust self-diagnosis function, abundant event log for future checkIntelligent 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.

Shenzhen UPSen Electronic CO.,Ltd.
www.upsen.net

Technical Specification:

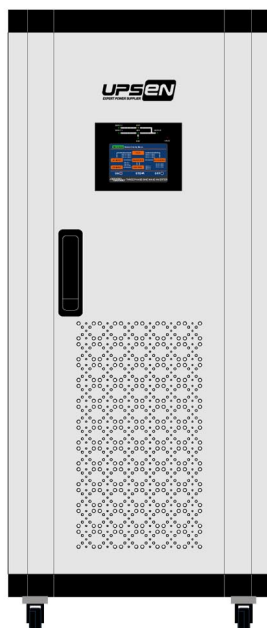
Model		TP33 10K	TP33 15K	TP33 20K	TP33 30K	TP33 40K	TP33 50K	TP33 60K	TP33 80K	TP33 100K	TP33 120K	TP33 150K	TP33 200K	
Default battery system voltage(VDC)		96V / 192V / 384VDC			192V / 384VDC			384VDC						
Inverter Output	Rated Power	10KW	15KW	20KW	30KW	40KW	50KW	60KW	80KW	100KW	120KW	150KW	200KW	
	Wave Form	Pure Sine Wave												
	Voltage	380VAC / 400VAC / 415VAC or 220VAC / 230VAC / 240VAC												
	Output Frequency	Automatically Track Bypass Frequency												
	Phase	Three Phase + N + G												
	Inverter Efficiency(Peak)	>95 %												
	Typical Transfer Time	8ms (Max)												
	Overload Capacity	105%-110%:60min to bypass; 110%-125%:10min to bypass; 125%-150%:1min to bypass; <150%: 10s transfer to bypass												
Bypass Input	Rated Voltage	380VAC / 400VAC / 415VAC												
	Input Voltage Rated	+10%,+15%,+20%(Can be set); -10%,-20%,-30%(Can be set)												
	Phase	Three Phase +N+G												
	Input Frequency	±3% (±0.5%, ±1%, ±2%, ±3% (Can be set)												
AC Input	Phase	Three Phase +N+G												
	Voltage	380VAC / 400VAC / 415VAC ±25%												
	Input Frequency Range	45Hz - 65Hz												
Battery	Low Battery Protection	80VDC ± 0.3V(96VDC), 160VDC ± 0.3V(192VDC), 200VDC ± 0.3V(240VDC), 320VDC ± 0.3V(384VDC)												
	Low Battery Cutoff	84VDC ± 0.3V(96VDC), 168VDC ± 0.3V(192VDC), 210VDC ± 0.3V(240VDC), 336VDC ± 0.3V(384VDC)												
	High Battery Alarm	112.5VDC ± 0.3V(96VDC), 225VDC ± 0.3V(192VDC), 280VDC ± 0.3V(240VDC), 450VDC ± 0.3V(384VDC)												
	Battery Type	AGM, Lead Acid, Lithium												
AC Charger	Maximum Charge Current	30A(Sensing)												
Other	Mounting	Wall Mount												
	Display	LCD + LED												
	Cooling Fan	Forced Ventilation												
	Audible Noise	<60dB												
	Coommunications	RS485(Standard), WIFI(Optional)												
	Operation Temperature Range	-10℃ ~ 50℃												
	Storage Temperature	-10℃ ~ 60℃												
Appearance	Product Size(L*W*H)	610*340*810			755*400*1010			830*450*1160			800*700*1500		800*700*1700	
	Packing Size(L*W*H)	660*390*980			800*450*1180			880*500*1330			850*750*1670		850*750*1870	
	Net Weight (KG)	84	106	113	180	200	270	300	480	600	650	700	800	
	Gross Weight (KG)	104	126	133	205	225	300	330	520	640	690	750	850	
Note : Product Specification are Subject to Change Without Further Notice.														

LCD Display Information:

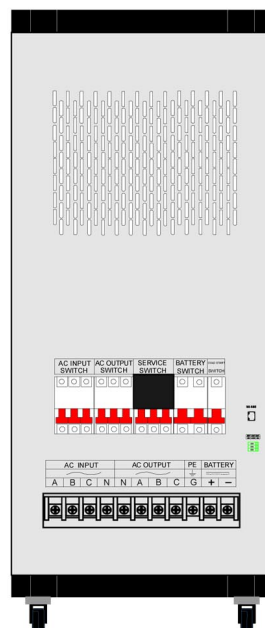


NO	LCD Display	Contents Descriptions
1	Word Mode	Working Mode Code
2	AC Input	Input Voltage Value
3	ON	Power ON
4	ECO Mode	Bypass Voltage Value
5	AC Output	Output Voltage Value
6	Battery	Battery Voltage Value
7	OFF	Power OFF
8	SET	Operation Mode
9	LED	LED Indicator

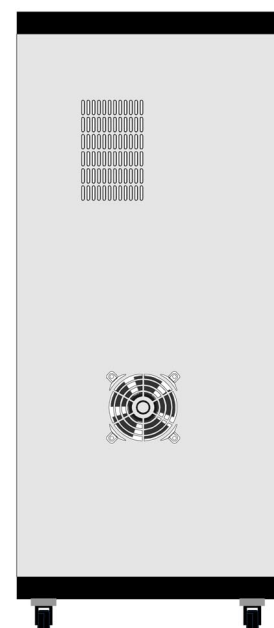
Back and Printing Description:



Front View



Front View (Except Door)



Rear View