

INVERSOR SOLAR DE FASE DIVIDIDA DE BAJA FRECUENCIA

PV3300 TLV Series

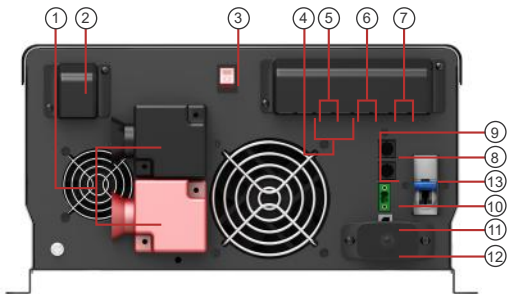
3~6KW | AC110V/220V | MPPT 80A | WiFi | BAT-CAN

Este inversor solar spit phase serie PV3300 TLV, rango de capacidad de 3KW - 6KW, DC24V/48V, es aplicable a 110 VAC/120V, fase dividida 220V/240V; En la pantalla LCD, puede configurar el voltaje de salida, la frecuencia, el voltaje de carga, la corriente de carga para diseñar el mejor uso en función de las diferentes aplicaciones de carga; mientras tanto, tiene un controlador de carga solar MPPT incorporado de 80A, puede aprovechar la luz solar libremente y ahorrar facturas de electricidad.



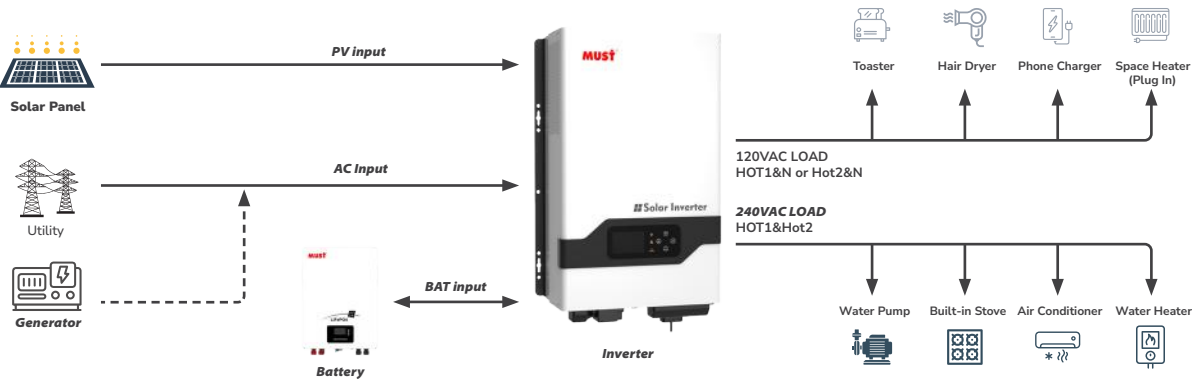
- Friendly user interface; MFD (multi-function display)
- 3 Steps charging
- Overload and short-circuit protection
- Set charging voltage/charging current.
- Battery low voltage shutdown point can be set to 10/10.5/11/11.5/12V
- Set utility priority/ Battery priority
- Set utility input wide/narrow range
- Inverter voltage can be set to 100/110/120; frequency can be set to 50/60Hz
- Set utility charging on/off switch
- Built-in 80A MPPT charger
- Acid or Lithium Select
- WiFi port (optional)
- With BMS lithium battery communication function (CAN port)

Back panel description



1. Battery +/-
2. PV +/-
3. Switch on/off
4. AC Output: HOT1-HOT2 200VAC/220VAC/240VAC
5. AC Output: HOT1-N 100VAC/110VAC/120VAC
6. AC Output: HOT2-N 100VAC/110VAC/120VAC
7. AC Input: HOT1-HOT2 200VAC/220VAC/240VAC
8. Remote Port
9. BAT CAN
10. AGS
11. USB
12. WiFi (optional)
13. AC Input breaker

Solar system connection



MODEL		PV33-3024 TLV	PV33-6048 TLV
INVERTER OUTPUT			
Rated power		3KW	6KW
Power factor		1	
Wave form		Pure sine wave	
Output voltage RMS		100V / 110V / 120VAC (200V / 220V / 240VAC) ±10%	
Output frequency		50Hz or 60Hz (±0.3Hz)	
Inverter efficiency (peak)		>85%	
Line mode efficiency		>95%	
Overload		100%<Load<110% (alarm 5min then stop outputand fault code 07) 110%<Load<125% (alarm 60s then stop output and fault code 07) Load > 125% (alarm 10s then stop output and fault code 07)	
Surge rating		9000VA	18000VA
Capable of starting electric motor		1.5P	3P
BATTERY			
Battery voltage		24VDC/48VDC	48VDC
Minimum start voltage		10V/ 10.5V/ 11V/ 11.5V/ 12V±0.5V; 12VDC×2 for 24V; ×4 for 48VAC	
Low battery cut off		low voltage fault code 04 (10V/ 10.5V/ 11V/ 11.5V/ 12V) for 12V model (21V/21V /22V/ 23V/ 24V) for 24V model (40V/ 42V/ 44V/ 46V/ 48V) for 48V model	
Low battery alarm		Add 0.5/battery: (low battery alarm one second one time) (10V/ 10.5V/ 11V/ 11.5V/ 12V) +0.5VDC for 12V model (21V/ 21V/ 22V/ 23V/ 24V) +1VDC for 24V model (40V/ 42V/ 44V/ 46V/ 48V) +2VDC for 48V model	
High voltage alarm		Add +1V/battery: (high voltage one second one time / after 30s fault 03) (12-14.5V) +1VDC for 12V model (24-29V) +2VDC for 24V model (48-58V) +4VDC for 48V model	
Save mode		Load ≤40W(110V) / 80W(220V)	
AC INPUT MODE			
Input waveform		Pure sine wave	
Nominal input voltage		200Vac / 220Vac / 240Vac	
Max input voltage		270Vac MAX	
Input frequency		50Hz / 60Hz (auto sensing)	
Efficiency (AC mode)		>95% (load, full battery)	
Transfer time AC to DC		15ms(typical)	
SOLAR CHARGER			
Maximum PV Array Power		2500W	5000W
Maximum PV Charge Current		80A±4A	
DC Voltage		24V / 48V	
MPPT Range @ Operating Voltage		30-230VDC @ 24V /60-230VDC @48	60-230VDV @48V
Maximum Solar Input Voltage		245±2Vdc	
Maximum Efficiency		>98%	60-230VDV @48V
Standby Power Consumption		<2W	
CHARGE MODE			
Max charge current (±5A)	12V	/	/
	24V	40A	/
	48V	20A	40A
Min charge current 10A. Change by every 5A			
DIMENSIONS			
Machine Dimension (W*H*D)(mm)		359.2*445*188	362*544*188
Package Dimension (W*H*D)(mm)		398*308*457	698*308*457
N.W(kg)		/	/
G.W(kg)		/	/
Standard Warranty		2years	
CERTIFICATION & STANDARDS			
CE-EMC+LVD (EN6100-6-3, EN6100-6-1+EN IEC62109-1, EN IEC62109-2)			

*The technical specifications of this document are subject to change without any notice

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