

INVERSOR SOLAR DE FASE DIVIDIDA DE BAJA FRECUENCIA PV3300 TLV Series

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

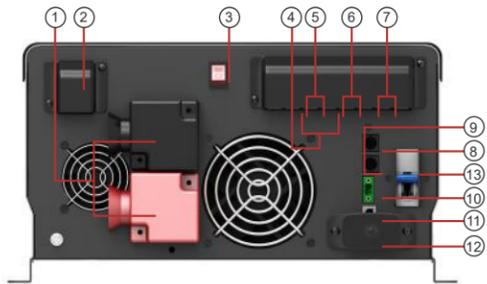
Este inversor solar split phase serie PV3300 TLV, rango de capacidad de 3KW - 6KW, DC24V/48V, es aplicable a 110 VAC/120V, fase dividida 220V/240V; En la pantalla LCD, puede configurar el voltaje de salida, la frecuencia, el voltaje de carga, la corriente de carga para diseñar el mejor uso en función 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)

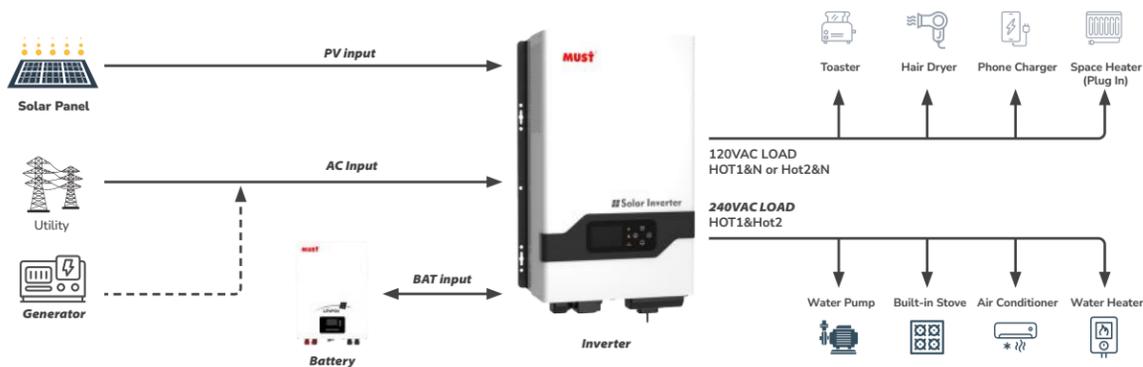


Back panel description



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 output and 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%		
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)			