

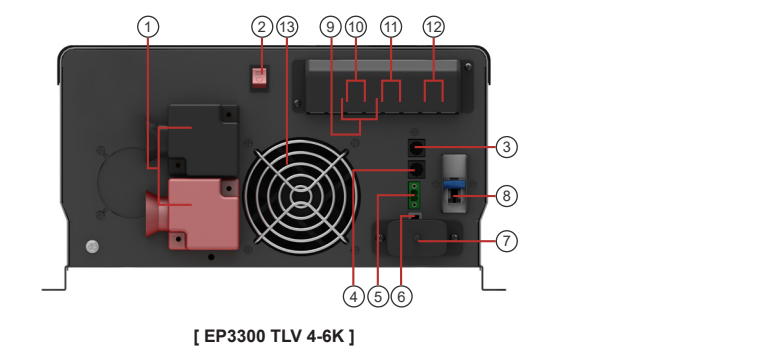
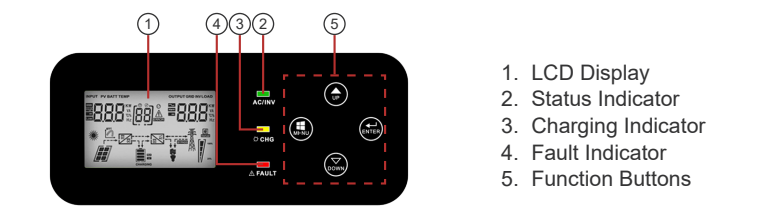
### Features

- Pure sine wave output
- 3 steps charging
- Overload and short- circuit protection
- Set charging voltage/charging current
- Power-save mode
- Battery low voltage shutdown point can be set to 10/10.5/11/11.5V
- Inverter voltage can be set to 100/110/120
- Inverter frequency can be set to 50/60Hz
- Acid or Lithium select
- Wifi port (optional)

**Introduction**

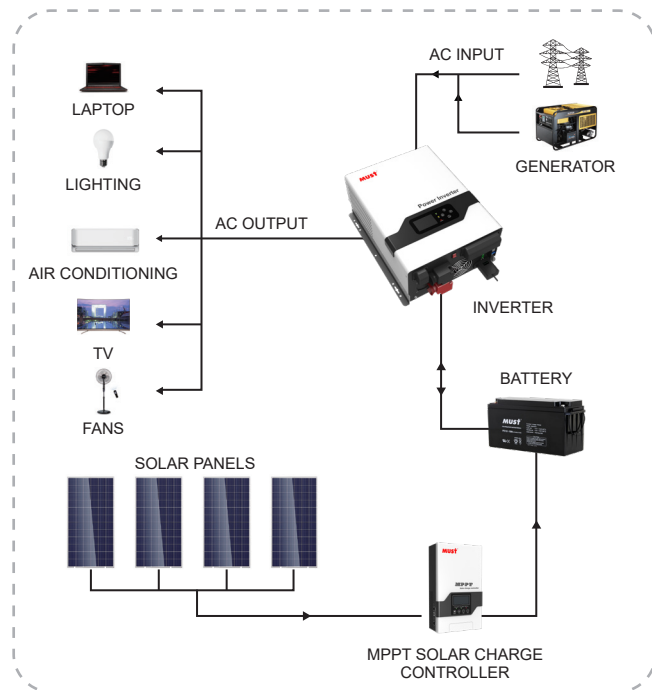
This split phase inverter EP3300 TLV series, capacity from 1KW-6KW, DC 12V/24V/48V, it's applicable to 110VAC/120VAC markets demands, which matches AC 110VAC/120V single phase, or two phase 220V/240V; In LCD display, you can set output voltage, frequency, charging voltage, charging current to design best use based on different loads applications; meanwhile, you can also connect extra solar charge controller to build a solar home system, take use of sunshine freely and save electricity bills.

**Back panel printing description**



- 1. Battery +/-
- 2. Switch on/off
- 3. BTS
- 4. Remote port
- 5. AGS
- 6. USB
- 7. WiFi port
- 8. AC Input protect: Input protect breaker
- 9. AC Output: HOT1 - HOT2 200VAC/220 VAC/240VAC
- 10.AC Output: HOT1 - N 100VAC/110 VAC/120VAC
- 11.AC Output: HOT2 - N 100VAC/110 VAC/120VAC
- 12.AC Input:HOT1 - HOT2 200VAC/220 VAC/240VAC
- 13.Fan

**Solar system connection**



**Specification**

MODEL	EP33-1012 TLV	EP33-1024 TLV	EP33-1512 TLV	EP33-1524 TLV	EP33-2012 TLV	EP33-2024 TLV	EP33-3024 TLV	EP33-3048 TLV	EP33-4024 TLV	EP33-4048 TLV	EP33-5048 TLV	EP33-6048 TLV
Inverter Output	Rated power	1KW	1.5KW	2KW	3KW	4KW	5KW	6KW				
	Surge rating	3000VA	4500VA	6000VA	9000VA	12000VA	15000VA	18000VA				
	Capable of starting electric motor	1P	1P	1.5P	1.5P	2P	3P					
	Power factor	1										
	Wave form	Pure sine wave / Same as input wave form (bypass mode)										
	Output voltage RMS	100V / 110V / 120VAC (200V / 220V / 240VAC) ±10%										
	Output frequency	50Hz or 60Hz (±0.3Hz) (can be set)										
	Overload protection	Breaker + software protection										
	Output short circuit	Breaker + software protection										
	Inverter efficiency (peak)	>80%										
Battery	Battery voltage	12VDC / 24VDC			24VDC / 48VDC			48VDC				
	Minimum start voltage	(10V / 10.5V / 11V / 11.5V)+0.5V for 12VDC mode (*2 for 24VDC, *4 for 48VDC)										
	Low battery voltage cut off	10V / 10.5V / 11V 11.5V for 12VDC mode (*2 for 24VDC, *4 for 48VDC)										
	Low battery voltage alarm	(10V / 10.5V / 11V / 11.5V)+0.5V for 12VDC mode (*2 for 24VDC, *4 for 48VDC)										
	High battery voltage alarm	(13.8-14.5V)+1V for 12VDC mode (*2 for 24VDC, *4 for 48VDC)										
	High Battery Voltage Recover	(13.8-14.5V)+0.5V for 12VDC mode (*2 for 24VDC, *4 for 48VDC)										
	Save mode	Load ≤50±20W(120V)/100±20W(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(max)										
	Transfer time DC to AC	15ms(max)										
	Charge Mode	Boost voltage	14.1V(Default) Range of adjustment 13.8-14.5V / *2 for 24VDC / *4 for 48VDC (Regulation step 0.1V)									
Float voltage		13.5V(Default) Range of adjustment 13.5-14.5V / *2 for 24VDC / *4 for 48VDC (Regulation step 0.1V)										
12V		30A	45A	60A	/	/	/	/				
24V		20A	25A	30A	40A	60A	/	/				
48V		/	/	/	20A	30A	35A	40A				
Min charge current 10A. Change by every 5A												
Dimensions	Machine Dimension (W*H*D)	359.2*443*188mm					361.8*543.5*188.5mm					
	Package Dimension (W*H*D)	/										
	G.W	/										
	N.W	/										
	Warranty	One year (standard), 2 years optional (IP20)										

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