

EP3300 TLV Series (1KW-6KW)

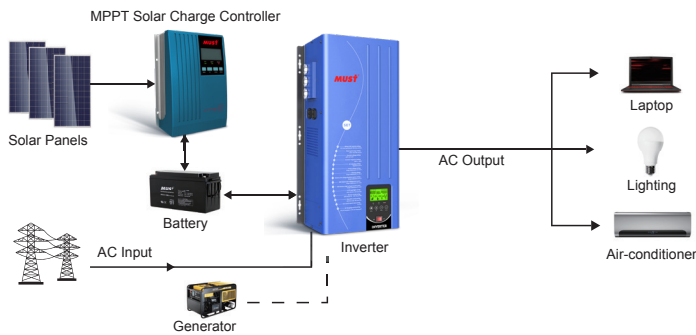


(1KW-3KW)

(4KW-6KW)

Features

- Pure sine wave output, split phase HOT1+ N + HOT2 available, 120VAC/220VAC
- MFD (multi-function display) & Friendly user interface
- 3 Steps optimizing charge for battery pack
- Overload and short-circuit protection
- Settable: charging/charging current, utility/Battery priority, utility input wide/narrow range
- Inverter voltage can be set to 100V/110V/120V
- Inverter frequency can be set to 50/60Hz



Selection Guide

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	1KW		1.5KW		2KW		3KW		4KW		5KW		6KW
Rated power													
Power factor	1												
Wave form	Pure sine wave / Same as input wave form (bypass mode)												
Output voltage RMS	110V / 120VAC (220V / 230V / 240VAC)												
Output frequency	50Hz or 60Hz (±0.3Hz) (can be set)												
Overload protection Output short circuit	Breaker + software protection												
Inverter efficiency (peak)	>80%												
Overload	100%<Load<110% (alarm 5min then stop output) / 110%<Load<125% (alarm 60s then stop output) / Load > 125% (alarm 10s then stop output)												
Surge rating	3000VA	4500VA	6000VA	9000VA	12000VA	15000VA	18000VA						
Capable of starting electric motor	1P	1P	1.5P	1.5P	2P	3P							
Battery													
Battery voltage	12VDC/24VDC												
Minimum start voltage	11VDC/22VDC/44VDC												
Low battery voltage cut off	(Low voltage fault code04)10/10.5/11V for 12V mode (*2 for 24VDC / *4 for 48VDC)												
Low battery voltage alarm	Add 0.5V / battery:(Low battery alarm one second one time) (10/10.5/11V)+0.5VDC for 12V mode (*2 for 24VDC / *4 for 48VDC)												
High battery voltage alarm	Add 1V/battery:(High battery one second one time /after 30s fault 03) (13.8-14.5V)+1V for 12V mode (*2 for 24VDC/*4 for 48VDC)												
Save mode	Loads ≤ 40W (110V) / 80W (220V)												
AC Input Mode													
Input waveform	Pure sine wave												
Nominal input voltage	220Vac / 230Vac / 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)												
Charge Mode													
Boost voltage	14.1V(Default) Range of adjustment 13.8-14.5V / *2 for 24VDC / *4 for 48VDC (Regulation step 0.1V)												
Floater voltage	13.5V(Default) Range of adjustment 13.5-13.7V / *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													
Dimensions (W*H*D)	277*196*466mm						277*186*621mm						
Ship Dimensions (W*H*D)	376*306*592mm						376*296*747mm						
Warranty	One year (standard), 2 years optional (IP20)												