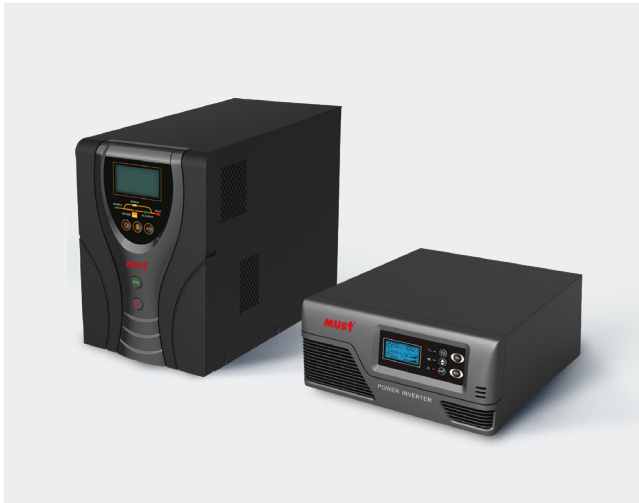




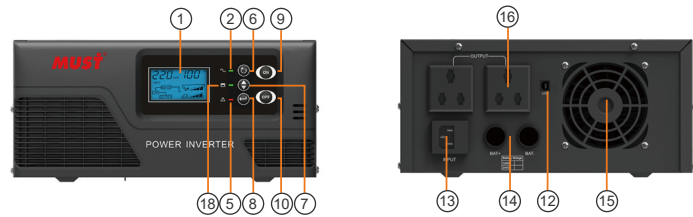
Features

- Rated power 300W to 1000W
- Pure sine wave output
- Smart LCD setting (frequency , charge voltage,charge current, etc).
- 3 steps charging algorithm
- Built in AVR function
- Overload and short-circuit protection
- Battery reverse polarity protection (Optional)
- Deep discharge protection
- Cold start function

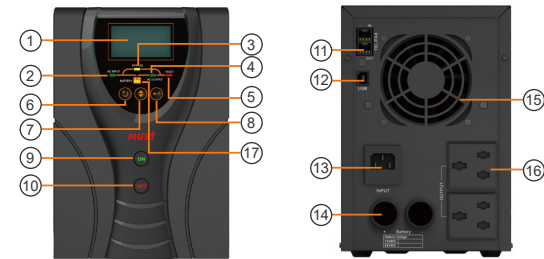
Introduction

EP2000 PRO series inverter is a cost effective, intelligent with UPS function. The comprehensive LCD offers user-configurable and easy-accessible button adjustment such as battery charge current, battery charge voltage, frequency, buzzer etc. It's perfect for the user who need a simple and economical inverter,with user-friendly installation and setting. Tower and rack design available for different choices.

Back panel printing description



EP2000 PRO (Rack)



EP2000 PRO (Tower)

1. LCD display

2. AC Input LED

3. Bypass LED

4. AC output LED

5. Fault LED

6. ESC
7. SEL

8. ENTER

9. Power On

10.Power Off

11.Fax / Tel

12.USB
- 13.AC Input

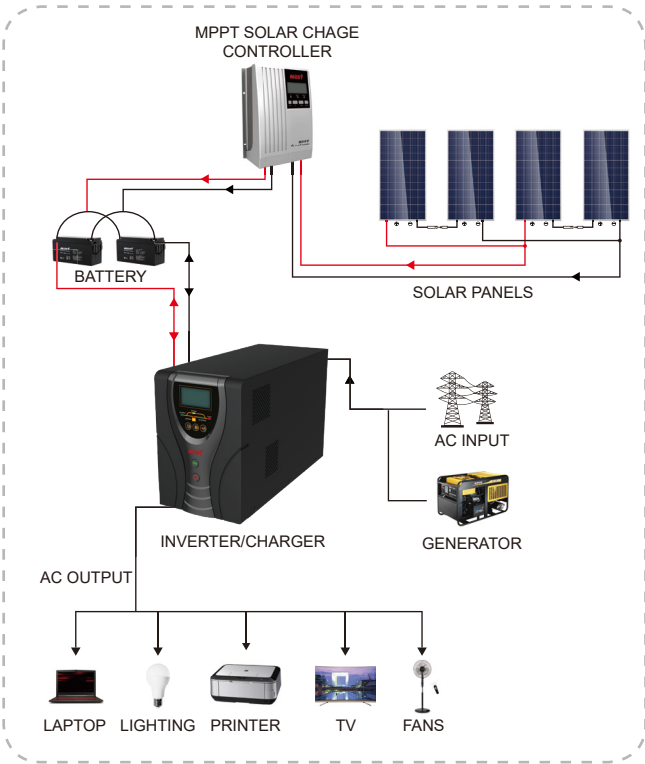
14.Battery input

15.Fan

16.AC output

17.Battery LED

Solar system connection



Specification

MODEL		EP20-0312 PRO	EP20-0612 PRO	EP20-0812 PRO	EP20-1012 PRO	EP20-0324 PRO	EP20-0624 PRO	EP20-0824 PRO	EP20-1024 PRO
Default Battery System Voltage		12VDC				24VDC			
INVERTER OUTPUT	Rated Power	300W	600W	800W	1000W	300W	600W	800W	1000W
	Surge Rating (20ms)	900W	1800W	2400W	3000W	900W	1800W	2400W	3000W
	Waveform	Pure sine wave							
	Rated Output Voltage	Inverter: 230VAC (±2% RMS), AVR: 195VAC-245VAC							
	Output Frequency	50Hz \ 60Hz ±0.2Hz							
	Invertert Frequency (Peak)	>75%				>81%			
	Bypass Efficiency	>95%							
	Output Transfer Time	Typical:6ms 10ms(max)							
AC INPUT	Voltage	220 \ 230 \ 240VAC							
	Selectable Voltage Range	140~280VAC±2%							
	Low Battery Alarm	140VAC±2%							
	Low Voltage Recover	150VAC±2%							
	High Battery Alarm	280VAC±2%							
	High Voltage Recover	270VAC±2%							
	Low Frequency Alarm	45±2Hz							
	Low Frequency Recover	46±2Hz							
	High Frequency Alarm	65±2Hz							
	High Frequency Recover	64±2Hz							
	Nominal Input Range	50Hz \ 60Hz ±2Hz							
	AC Auto Restart	YES							
BATTERY	Minimum Start Voltage	Low Battery Voltage Cutoff+0.5V				Low Battery Voltage Cutoff+0.5V			
	Low Battery Alarm	Low Battery Voltage Cutoff+0.5V				Low Battery Voltage Cutoff+1.0V			
	Low Battery Cutoff	10-12.0VDC				20.0-24.0VDC			
	High Battery Cutoff	Nominal Voltage +0.5V				Nominal Voltage +1.0V			
AC CHARGE	Floating Voltage	13.5-14.5VDC				27-29VDC			
	Nominal Voltage	13.8~14.5V				27.6~29V			
	Maximum Charge Current	300W	600W	800W	1000W	300W	600W	800W	1000W
		10A	20A	25A	30A	5A	10A	15A	15A
BYPASS & PROTECTION	Input Waveform	Pure sine wave							
	Input Frequency	50Hz or 60Hz							
	Overload Protection	110%~125%R Load fault after 30S ; 125%~150%R Load fault after 3S ; >150%R Load fault after 500ms							
	Over Temperature Protection	≥90℃							
	Bypass Output Protection	10A 250VAC							
	Output Circuit Protection	YES							
	Battery Reverse Protection	Optional							
	Battery Low Voltage Protection	YES							
	Battery High Voltage Protection	YES							
	Bypass Breaker Rating	10A							
	Maximum Bypass Current	10A							
MECHANICAL SPECIFICATION	Dimensions	315*145*210mm							
	(N.W)kg	300W	600W		800W		1000W		
		7.5	10.7		12.5		13.5		
	Shipping Dimensions(W*H*D)	420*280*225mm							
	(G.W)kg	300W	600W		800W		1000W		
8		11.5		13		14.0			
OTHER	Operating Temperature	0℃ ~40℃ 0~90% relative humidity (non-condensing)							
	Storage Temperature	-15℃ to 55℃							
	Altitude	≤1000M							
	Audible Noise	≤60dB							
	Display	LED+LCD							
	Cooling Mode	Fan cooling							
	Fan Starting	>45℃ starting, <30℃ Closing							
	Communication	USB							