

Type Designation

P-242X-1K

	Output Power ; 1K= 1000W, 2.5K= 2500W, 3K= 3000W
	Frequency of Output Power ; 5=50Hz , 6= 60Hz
	Output Voltages ; 1= 100~110VAC, 2=220~240VAC
	Input Voltages ; 12=12VDC, 24=24V, 48=48V
	Type of Modules : P= PWM type , M=MPPT

Product Datasheet

Model	P-121X-0.5K	P-241X-0.5K	P-481X-0.5K	P-122X-0.5K	P-242X-0.5K	P-482X-0.5K
Rated power	500W					
Peak power	1000W					
Input voltage	DC12V	DC24V	DC48V	DC12V	DC24V	DC48V
Output voltage	100VAC or 110VAC or 120VAC±5%			220VAC or 230VAC or 240VAC±5%		
Unload current less than	0.6A	0.4A	0.3A	0.6A	0.4A	0.3A
Output frequency	50Hz±0.5Hz or 60Hz±0.5Hz					
Output waveform	Pure Sine Wave					
Waveform distortion	THD<3%(Linear load)					
USB port	5V 1A					
Max.efficiency	90%					
Input voltage range	10-15.5V	20-31V	40-61V	10-15.5V	20-31V	40-61V
Low voltage alarm	10.5±0.5V	21±0.5V	42±1V	10.5±0.5V	21±0.5V	42±1V
Low voltage protection	10±0.5V	20±0.5V	40±15V	10±0.5V	20±0.5V	40±15V
Over voltage protection	15.5±0.5V	31±0.5V	61±1V	15.5±0.5V	31±0.5V	61±1V
Low voltage recover	13±0.5V	24±0.5V	48±1V	13±0.5V	24±0.5V	48±1V
Over voltage recover	14.8V±0.5V	29.5V±0.5V	59V±1V	14.8V±0.5V	29.5V±0.5V	59V±1V
Protection function	Low voltage		Alarm at first, voltage continously reduce. LED Red light on & shut sown.			
	Over voltage		LED Red light on, shut down			
	Over load		LED Red light on, shut down			
	Over temperature		Alarm at first, temprature continously rise.LED Red light on & shut sown			
	Short circuit		LED Red light on			
	Input reverse polarity		Fuse burn-out			
Working temperature	-10°- +50°					
Storage temperature	-30°- +70°					
Dimension(mm)	250x106x63mm					
Packing(mm)	295x160x80mm					
Net./gross weight(g)	961/1245g					
QTY/Ctn	15 Pcs					

