

DATASHEET ROGERELE REP5000

Model	REP5000-121	REP5000-241	REP5000-122	REP5000-242
Rated power	5000W			
Peak power	10000W			
Input voltage	DC12V	DC24V	DC12V	DC24V
Output voltage	100VAC or 110VAC or 120VAC±5%		220VAC or 230VAC or 240VAC±5%	
Unload current less than	1,20	0,81	1,20	0,81
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%	92%	90%	92%
Input voltage range	10-15.5V	20-31V	10-15.5V	20-31V
Low voltage alarm	10.5±0.5V	21±0.5V	10.5±0.5V	21±0.5V
Low voltage protection	10±0.5V	20±0.5V	10±0.5V	20±0.5V
Over voltage protection	15.5±0.5V	31±0.5V	15.5±0.5V	31±0.5V
Low voltage recover	13±0.5V	24±0.5V	13±0.5V	24±0.5V
Over voltage recover	14.8V±0.5V	29.5V±0.5V	14.8V±0.5V	29.5V±0.5V
	Low voltage		Alarm at first, voltage continuously reduce. LED Red light on & shut down.	
	Over voltage		LED Red light on, shut down	
Protection function	Over load		LED Red light on, shut down	
	Over temperature		Alarm at first, temperature continuously rise. LED Red light on & shut down.	
	Short circuit		LED Red light on	
	Input reverse polarity		Fuse burn-out	
Working temperature	-10°- +50°			
Storage temperature	-30°- +70°			
Dimension(mm)	505x220x160mm			
Packing(mm)	590x310x245mm			
Net./gross weight(g)	12000/13500g			
QTY/Ctn	1 Pcs			
Meas./Ctn(mm)	590x310x245mm			
Gross weight/Ctn(g)	13100g			
Warranty	2 years			
Configuration	Standard			
Cooling method	Intelligent air cooling			
Custom-made available:				
Except for the regular DC input voltages: 12V, 24V, 48V, we also could provide customized DC input voltages:				
DC 36V,DC 60V,DC 72V,DC 84V,DC 96V...				