

# INVERTER AC-DC

lega

Pure Sine Wave Inverter AC-DC, 5000/10000 W

MODEL : LG-TP5000W-XX



Caravan



Electricity



Outdoor Camping



Solar Energy



MODEL	LG-TP5000W-12V	LG-TP5000W-24V	LG-TP5000W-48V
Output power	5000W		
Peak power	10000W		
Input voltage(Range)	DC12V(9-15.5V)	DC24V(18-31V)	DC48V(38-61V)
Output voltage(Single)	(100VAC/110VAC/120VAC/220VAC/230VAC/240VAC) ± 5%		
Unload current less than	≤1.2A	≤0.6A	≤0.3A
Output frequency	50Hz or 60Hz		
Output waveform	Pure sine wave		
Waveform distortion	THD≤3%(Pure resistive Load)		
USB	18W Fast charging	18W Fast charging	18W Fast charging
Max.output efficiency	88%	90%	92%
Low voltage protection	Pre-alarm (alarm off after 1 sound), LED Red light on, voltage contiously reduce and shutdown		
Overvoltage protection	Pre-alarm (alarm off after 2 sounds), LED Red light on, shutdown		
Overload protection	Continuous alarm, LED Red light on, shutdown		
Over temperature protection	Pre-alarm (alarm off after 3 sounds), temprature continously rise, LED Red light on, shutdown		
Short circuit protection	Perfect protection and no damage the circuit		
Input reverse polarity protection	Fuse burn-out		
Low voltage alarm	10.5±0.5V	21±0.5V	42±1V
Low voltage protection	9.5±0.5V	19±0.5V	38±1V
Overvoltage protection	15.5±0.5V	31±0.5V	61±1V
Low voltage recover	13±0.5V	24±0.5V	48±1V
Over voltage recover	14.5V±0.5V	29V±0.5V	58V±1V
DC Cable(mm2)	25*2	25	16

Working temperature	-20°C--+50°C
Product Dimension(mm)	550*205*165
Mounting Size(mm)	475*135
Net./gross weight(kgs)	10.2/11.5
QTY/CTN	11.5
Meas./CTN(mm)	24 Months
Cooling method	Intelligent air cooling

## POWER STATION BOARD

