

INVERTER CHARGER

BASE STATION



SKU# PS-PB-B

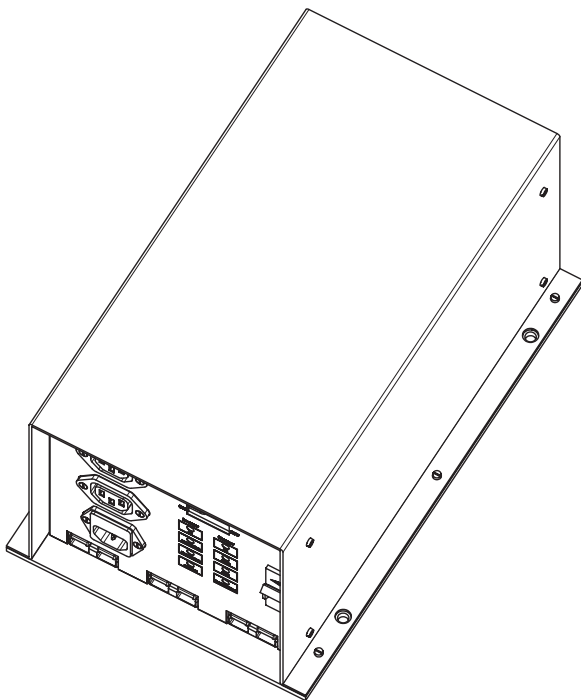
OVERVIEW

The Inverter Charger will manage all the power supply requirements for Base Stations and is designed to provide stable AC and DC voltage to the load, such as Communications and Command & Control devices, from 24V batteries.

The battery/s can be charged off AC from the mains or DC from any source such as a truck, solar or any other 24V DC supply. The Charger can be connected to a battery bank of up to 400A/Hr to charge the battery bank from AC, DC or Solar inputs. The bank can then provide a stable and reliable DC to the load for 24hrs a day even during mains failures and sun outages.

The inverter is rated 1000 VA to provide a stable AC voltage from the battery bank to supply Command and Control tablets, computers, servers, monitors, navigational equipment, VSAT systems etc. The AC also comes in handy to charge tablets, laptop, cell phones, GPS, night vision and other peripheral devices.

A military version is available as SKU# PS-PB-BM



POWER SPECIFICATIONS	
Power Rating DC Load:	960 W
Power Rating AC Load:	1000VA continues
INPUT SPECIFICATIONS	
Input DC Range:	24 DC Nominal
Input DC Range:	27-48V DC (Solar)
Input Current DC:	5.9 A
Input AC Range 1:	184 - 253 Volt ac
Input AC Range 2:	88 - 121 Volt ac (optional)
Input Current AC:	15A mains
Input Frequency:	50 Hz
OUTPUT SPECIFICATIONS	
Load DC Voltage:	24 Volt dc
DC Load Current limit:	40 A
Load Voltage Nominal:	230V ac
Max Output Current:	15 A mains, 4A Inverter
Power Factor:	0.8
Frequency:	50 Hz
PHYSICAL ATTRIBUTES	
Dimensions (d x w x h):	340 x 210 x 170mm
Weight:	12 kg
DC Connectors:	Anderson
AC Input Connector:	IEC 3 pin 320 C13
AC output Connectors:	IEC 3 pin 320 C14
ENVIRONMENTAL	
Standard:	Industrial, IP 52
Coated:	Epoxy powder
MOUNTING /SECURE	
Placement:	Flat surface
Mounting method:	6 x M8 Bolts / Rubber feet
ADDITIONAL	
Hardware:	1 cable set complete.
Document:	Installation guide



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Any 24V (Nominal) solar panel type or array can be used \provided it has the required voltage ratings.

For field-deployed base stations we recommend to add 2 or more of our 79W flexible rugged solar panels in series or parallel configurations.

The unit is supplied with a complete cable set which includes:

- AC input cable (IEC female to 15A plug)
- AC output cable (IEC male to IEC female)
- DC (Solar) input cable (Anderson Black)
- DC Load cable (Anderson Red)
- DC Battery Cable (Anderson Grey)

DC cables are colour coded to prevent incorrect connections.

****Customer is to confirm cable end terminations for country.***

