

Product SPECIFICATION SHEET



CPS & EPS Series

Introduction

The EPC / CPS units are Inverter / Charger / Power Supplies all-in-one mobile portable housing. They are ideal for use for most appliances in the home when mains power is not available not available. They can also be used as a charger to recharge other 12V sealed lead-acid batteries.

Features



- 12VDC to 220-240VAC Modified sine wave (EPS) or pure sine wave (CPS)
- 12VDC Charger function
- Continuous power from 150W - 3000W (Model selectable)
- 150W - 1000W Single AC Output
- 150W - 3000W Dual AC Output
- Overload protected

150W - 1000W



1500W - 3000W



Output	Model	CPS-150B	CPS-300B	CPS-600B	CPS-1000B	CPS-2000B	EPS-150B	EPS-300B	EPS-600B	EPS-1000B	EPS-2000B	PP-3000	
	Rated Power	150W	300W	600W	1000W	2000W	150W	300W	600W	1000W	2000W	3000W	
	Surge Power	300W	600W	1200W	2000W	4000W	300W	600W	1200W	2000W	4000W	6000W	
	AC output	220V ± 10% 50Hz											
	Wave form	Pure Sine Wave. 					Modified Sine Wave. 						
Input	DC Input	12V(10-15V) (Refer Product's Specification)											
	AC Input	170-250V(220V) or 70-150V (110V)											
	AVR Protection function	Automatic Voltage Regulated											
Charger	Max. Current	12V	5A	5A	10A	10A	15A	5A	5A	10A	10A	15A	15A
	Charge Way	Constant Current, Constant Voltage, Floating Charge(Auto.3 Stage)											
	Transfer time	Can be chosen(12ms or 500ms) through dial switch.											
Protection Function	Overload	160-200W	330-400W	630-700W	1100-1200W	2100-2200W	160-200W	330-400W	630-700W	1100-1200W	2100-2200W	3200-3300W	
	Over Temperature	>60°C auto. shutdown											
	Other	Earth Leakage, Polarity Reverse, Over Voltage, Low Voltage, Overload, Overheat, Short Circuit protection											

BRANCH CONTACT DETAILS

Johannesburg 010 202 3300
 Germiston 011 418 9600
 Cape Town 021 510 0710
 Pinetown 031 700 4215
 Riverhorse 031 492 4800

NATIONAL CALL CENTRE

Sales 010 202 3400
 Technical 010 202 3500
www.acdc.co.za

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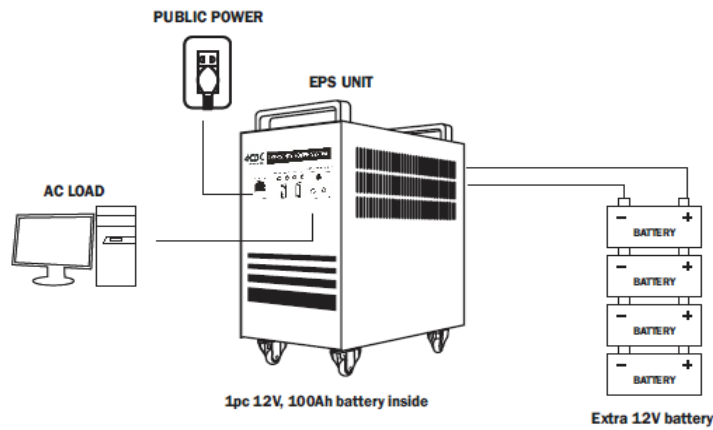


CPS & EPS Series

150W - 1000W



1500W - 3000W



Note. After proper connection inverter and charger switch (5) and (2) and the LED display state belows:

SWITCH	STATE	LED INDICATION	EXPLANATION
Inverter OFF/ON Switch(5)	ON	Inverter green LED(6) lit	Battery in good condition, inverter is ready for use
		Fault red LED(7) lit	Battery over discharge, low voltage or short circuit, overload, short circuit protection function
Charger OFF/ON Switch(2)	ON	Fully Charged red LED (3) lit	Battery has been fully charged.
		Charger green LED (4) lit	Public power on, charger mode is working
		Fault red LED (7) lit	Public power AC input is not in good condition

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