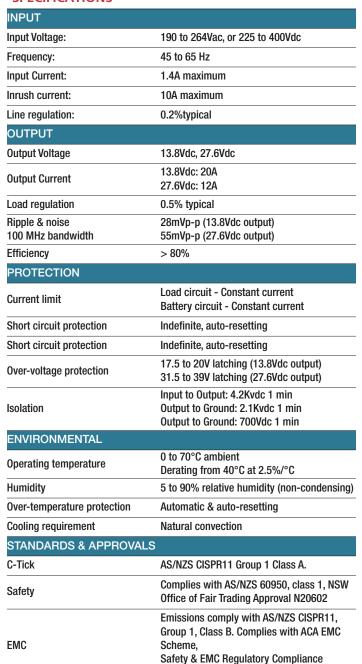
# PB251A-CM Series

### BATTERY CHARGER SYSTEM

#### **FEATURES**

- 220 330W Battery Charger System
- DC UPS Connectable
- Constant Float Voltage & Current Limit
- Circuit Breakers & Alarm Relays
- Independent Battery Charging Output
- DC OK & Battery OK Alarms
- Battery Connected Test
- Optional Battery Charge Current Limit
- Optional LVD Battery Low Volts Disconnect
- Optional Network Connected
- Optional Battery Temperature Probe
- OPERATIONS INSTALLATION HANDBOOK AVAILABLE





Marked



ALADMC & DATTEDY			
ALARMS & BATTERY FUNCTIONS			
- ono nono	Green LED : ON=OK voltage free change over		
D0 01/ 1	relay contacts (32V,1A) Alarms on loss of AC		
DC OK alarm	mains power or failure of off-line AC/DC		
	converter / battery charger		
	Green LED : ON=OK voltage free change over		
Battery OK alarm	relay contacts(32V,1A) Alarms on battery low		
	voltage 11V, failure of battery fuse or battery		
	disconnected. Alarm cancelled when fuse or		
	battery replaced, or AC input restored		
	10.2 to 12.6V for 12V battery, adjustable 20.4 to		
Battery low voltage disconnect	25.2V for 24V battery,adjustable Indicated by		
(LVD)	voltage-free changeover relay contacts & green		
	LED: ON=BATT OK  9.6 to 12V for 12V battery, adjustable		
Low voltage disconnect	19.2 to 24V for 24V battery, adjustable		
Charger over-load protection	Auto-resetting electronic circuit breaker		
Reverse polarity protection	Internal battery fuse		
Battery to load voltage drop	0.2 to. 0.25V typical		
OPTIONAL FEATURES			
	Option BCL: Factory set to maximum of the total		
Battery Charging Limit	rated output current. The BCL charging current		
	based on A/H battery size and make of battery.		
Heatsink	Option H: Supplementary heatsink		
Network enabled	Option N: Internal network card in conjunction		
	with PB251A becomes a network enabled		
	device combining the benefits of SNMP V1, XML		
	and embedded webpage.		
Temperature compensation	Option T: 2.5m cable probe		
	Option T5: 5m cable probe Float voltage set to 2.3V/cell at 25°C with		
	compensation of 3.3mv/°C cell		
Conformal Coating	Option CC: Tropic protection for moist areas		
MECHANICAL			
	IEC60320 inlet,10A Class 1		
Input connector	2 meter IEC mains cord with Australian plug is		
	supplied with each unit		
Output/Battery connector	4 way pluggable screw terminal block		
	Suitable for up to 4mm <sup>2</sup> wire		
Alarm terminal	6 way pluggable screw terminal block		
	Suitable for up to 1.5mm² wire		
Case size	264 L x 172 W x 67 H mm		
Case size with heatsink	264 L x 186 W x 67 H mm		
	1.01		
Weight	1.9kg		
Weight with heatsink Rack mount option	1.9kg 2.1kg Refer to PB251-RM Series		



# PB251A-CM Series

## BATTERY CHARGER SYSTEM

#### **SELECTION TABLE**

MODEL NUMBER	OUTPUT VOLTAGE	TOTAL CURRENT	BATTERY CURRENT	OUTPUT POWER
PB251A-12CM	13.8V	16A	2A	220W
PB251A-12CM-H	13.8V	20A	4A	275W
PB251A-24CM	27.6V	11A	2A	300W
PB251A-24CM-H	27.6V	12A	2A	330W

## **TECHNICAL ILLUSTRATIONS**

