


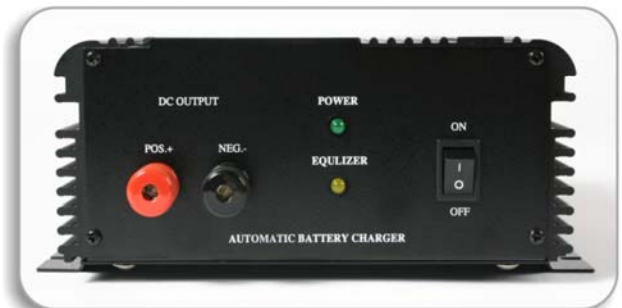
# ABC BATTERY CHARGERS

## ABC SERIES 3-stage PWM Intelligent Battery Chargers for all lead acid & lead calcium batteries 12V, 24V and 48V DC output

 The ABC Series PWM intelligent 3-stage battery chargers have an automatic multi-rate charging function which charges your batteries perfectly and extends the battery's life. The chargers also feature polarity protection, over temperature and over load protection. Suitable for most lead acid and lead calcium batteries.

### □ LED Display :

- Red: Power on
- Yellow: Equalizer charge
- Green: Floating charge



### □ Features :

- Parallel operation module available
- Short circuit protection
- Reverse polarity protection
- Overload protection
- Speed controlled fan
- CE & LVD approvals



<b>TECHNICAL SPECIFICATIONS : MODEL WITH WIDE INPUT RANGE FROM 90VAC - 240VAC</b>				
12 V MODELS	PM-0212F	PM-0512F	N/A	PM-1012F
24 V MODELS	PM-0224F	PM-0524F	PM-0724F	N/A
Input range	90VAC – 240VAC			
Input Frequency	50 – 60 Hz			
Output voltage & current	2A / 12VDC 2A / 24VDC	5A / 12VDC 5A / 24VDC	7A / 12VDC 7A / 24VDC	10A / 12VDC
Short circuit protection	YES			
Reverse polarity protection	YES			
Overload protection	YES			
Speed controlled fan	YES			
CE & LVD approvals	YES			
Aluminium housing & LED display	Green : Power On Green : Floating Charge Red : Equalizer charge			
Automatic multi-rate charging function /3 stage	12V Model – Equalizer charge : 14.6VDC 24V Model – Equalizer charge : 29.2 VDC		Floating charge : 13.7VDC Floating charge : 27.4VDC	
Accessories	AC input cable & DC output alligator clips			
Dimensions (L x W x H) in mm	120 x 62 x 37.4	188 x 88 x 47.5	188 x 88 x 47.5	188 x 88 x 47.5
Net weight in kgs	0.5	0.8	0.8	0.85

<b>TECHNICAL SPECIFICATIONS : MODEL WITH 110VAC OR 220VAC INPUT</b>									
MODELS	PM-1212	PM-2512	PM-5012	PM-10012	PM-1024	PM-1424	PM-2524	PM-5024	PM-0848
Input voltage	110VAC OR 220VAC								
Input Frequency	50 – 60 Hz								
Output voltage	12VDC				24VDC				48VDC
Output current	12A	25A	50A	100A	10A	14A	25A	50A	8A
Short circuit protection	YES								
Reverse polarity protection	YES								
Overload protection	YES								
Speed controlled fan	YES								
CE & LVD approvals	YES								
Aluminium housing & LED display	Green : Power On Green : Floating Charge Red : Equalizer charge								
Automatic multi-rate charging function /3 stage	12V Model – Equalizer charge: 14.6VDC Floating charge : 13.7VDC				24V Model – Equalizer charge : 29.2VDC Floating charge : 27.4VDC				48V Model - Equalizer charger 58.2VDC Floating charge: 54.8VDC
Accessories	AC input cable & DC output alligator clips								
Dimensions (L x W x H) in mm	230x 210 x 85	270 x 210 x 85	405 x 210 x 85	405 x 210 x 85	230 x 210 x 85	270 x 210 x 85	405 x 210 x 85	405 x 210 x 85	230 x 210 x 85
Net weight in kgs	2.5	3.0	4.5	4.5	2.5	3.0	4.5	4.5	3.0
We reserve the right to change specifications without prior notice									