

# ABC Series 2A~100A

AC/DC 3 Steps Smart Battery Charger

POWER  
BOMEB



Power Master  
Technology Co., Ltd

# Feature

- ★ Automatic multi-rate charging function. ★ Ideal for Lead Acid battery technology.
- ★ Reverse polarity protection. ★ Overload protection. ★ LED charging indicator.
- ★ 3 stage charging your battery perfect and extend battery's life.



# Specification

Model No.	PM-0212F PM-0224F	PM-0312F PM-0324F PM-0336F PM-0348F	PM-0412F PM-0424F PM-0436F	PM-0512F PM-0524F	PM-0612F PM-0624F	PM-0712F PM-0724F	PM-1012F	PM-1212F	PM-2024F PM-2036F PM-2048F	
Input range	90Vac ~ 240Vac									
Output voltage	2Amp/12Vdc 2Amp/24Vdc	3Amp/12Vdc 3Amp/24Vdc 3Amp/36Vdc 3Amp/48Vdc	4Amp/12Vdc 4Amp/24Vdc 4Amp/36Vdc	5Amp/12Vdc 5Amp/24Vdc	6Amp/12Vdc 6Amp/24Vdc	7Amp/12Vdc 7Amp/24Vdc		10Amp/12Vdc	12Amp/12Vdc	20Amp/24Vdc 20Amp/36Vdc 20Amp/48Vdc
Frequency	50~60Hz									
Parallel operation module available	○	○	○	○	○	○	○	○	○	
Automatic control fan	✕	○	○	○	○	○	○	○	○	
Protection	Short circuit protection, Reverse polarity protection, Overload protection									
Aluminum housing & LED display	【2A】 ▲ RED: Charging ▲ GREEN: Full charged 【3~12A】 ▲ LED1: RED→Power On ▲ LED2: ORANGE→Charging, GREEN→Full charged 【20A】 ▲ GREEN: Light→Power On, Dark→Power Off ▲ YELLOW: Light→Bulk charging, Dark→Float charging									
Automatic multi-rate charging function / 3 stage	【12V】 Equalizer Charge: 14.6Vdc, Floating Charge: 13.7Vdc 【24V】 Equalizer Charge: 29.2Vdc, Floating Charge: 27.4Vdc 【36V】 Equalizer Charge: 43.8Vdc, Floating Charge: 41.1Vdc 【48V】 Equalizer Charge: 58.4Vdc, Floating Charge: 54.8Vdc									
Accessory	AC wire & DC Cable with Alligator Clip									
Dimensions (L × W × H) mm	115 × 62 × 33	180 × 88 × 47						270 × 210 × 85 243 × 186 × 163 283 × 186 × 163		
Net weight (kgs)	0.5	0.8						3.8 4.5 5.0		

Model No.	PM-0824 PM-0848	PM-1024	PM-1212	PM-1424	PM-2512 PM-3024	PM-5012 PM-5024	PM-10012
Input range	110Vac ~ 230Vac ± 10%						
Output voltage	8Amp/24Vdc 8Amp/48Vdc	10Amp/24Vdc	12Amp/12Vdc	14Amp/24Vdc	25Amp/12Vdc 30Amp/24Vdc	50Amp/12Vdc 50Amp/24Vdc	100Amp/12Vdc
Frequency	50~60Hz						
Parallel operation module available	○	○	○	○	○	○	○
Automatic control fan	○	○	○	○	○	○	○
Protection	Short circuit protection, Reverse polarity protection, Overload protection						
Aluminum housing & LED display	▲ GREEN: Light→Power On, Dark→Power Off ▲ YELLOW: Light→Bulk charging, Dark→Float charging						
Automatic multi-rate charging function / 3 stage	【12V】 Equalizer Charge: 14.6Vdc, Floating Charge: 13.7Vdc 【24V】 Equalizer Charge: 29.2Vdc, Floating Charge: 27.4Vdc 【48V】 Equalizer Charge: 58.4Vdc, Floating Charge: 54.8Vdc						
Accessory	AC wire & DC Cable with Alligator Clip						
Dimensions (L × W × H) mm	223 × 209 × 85 270 × 210 × 85	223 × 209 × 85	223 × 209 × 85	270 × 210 × 85	270 × 210 × 85 405 × 210 × 85	405 × 210 × 85 415 × 180 × 160	415 × 180 × 160
Net weight (kgs)	2.5 3.8	2.5	2.5	3.8	3.8 4.6	4.6 7.0	7.7



**POWER MASTER Technology Co., Ltd.**

8F, 651-3 Chung Cheng Road, Hsin-Chuang City, Taipei Hsien, Taiwan, R.O.C

Tel: 886-2-6626 6660

Web: <http://www.powermaster.com.tw>

Fax: 886-2-6626 6800

E-mail: [sales@powermaster.com.tw](mailto:sales@powermaster.com.tw)



We come from energy heavenly-Power Master High-Technology, Excellent-Quality, Considerate-Service