



Battery Charger

AD Series



AD-0624
AD-1012



AD-1224
AD-2012



AD-1548
AD-3024
AD-5012



Features

- Microcontroller Integrated
- 3-Stage Charging + Soft Start
- Multi-rate Charging Options
- Auto Switch-off & Recharge *
- Intelligent Cooling Fan
- Multi Safety Protections:
 - Polarity Reverse / Short Circuit /
 - Overheat / Over Voltage / Over Current
- Aluminum Housing
- 100% Made in Taiwan

Model	AD-0624	AD-1012	AD-1224	AD-2012	AD-3024	AD-5012	AD-1548
System							
Output Power Max	170W / 6A	145W / 10A	340W / 12A	280W / 20A	850W / 30A	720W / 50A	850W / 15A
Output Voltage	24V	12V	24V	12V	24V	12V	48V
Output Current Selections (By DIP)	-	-	6/12A	10/20A	15/18/24/30A	25/30/40/50A	7.5/9/12/15A
Output USB Port	5VDC, 2.1A				-	-	-
Multiple Voltage Charging Options	Select By DIP Switch						
3 Stage Charging + Soft Start	Soft Start -> Bulk -> Absorption -> Float						
Auto Switch-off & Recharge	-	-	YES				
Battery Types	AGM/GEL/CALCIUM/WET						
Recommended Battery Capacity	18~60Ah	30~100Ah	18~120Ah	30~200Ah	45~300Ah	75~500Ah	45~300Ah
Input Voltage	100/110/120 VAC; 220/230/240 VAC						
Input Frequency	50~60Hz						
Input Socket	IEC Plug						
Efficiency	> 85% (At Full Load)						
Protection							
Output Polarity Reverse	Fuse		Circuit				
Output Short Circuit	Fuse				Circuit		
Output Overheat	Lower Output Current				YES		
Output Over Voltage	YES						
Output Over Current	YES						
Cooling	Intelligent Fan						
Mechanical							
Operating Temperature	-10~50°C						
Storage Temperature	-20~70°C						
Storage Humidity	10~90%RH Non-Condensing						
Accessory	AC Cable & DC Wire (Alligator Clip)		AC Cable & DC Wire (Y Terminal)		AC Cable & DC Wire (Round Terminal)		
Dimension (L x W x H)	170 x 72 x 58 mm		220 x 112 x 66 mm		325 x 198 x 83 mm		
Net Weight	0.65 kg		0.99 kg		2.8 kg		
Note:							
* Available in AD-1224, AD-2012, AD-3024, AD-5012, AD-1548							