



Switching Power Supply Manual



Chargery Power Co., Ltd.

Head Office

Add: Room 20B, Haihui building, Nanhai Avenue, NanShan, ShenZhen, China

Zip code: 518054

Tel: +86 755 2643 6165

Fax: +86 755 2641 2865

Email: Jasonwang3a@163.com

Web: www.chargery.com

1. Model: CY-A20

2. Application

The Powerful AC adapter is applied for any device with DC in 10-18V, It is designed special for high power charger and balancer charger applied to RC model.

3. Feature:

- Approved by CE
- Smaller Size and Easy Portable
- Attractive AL alloy case
- Power 2 chargers at the same time
- **Intelligent cooling fan starting automatically while internal temperature over 60°C**
- Over current protection
- AC 100-240V worldwide use
- Switching technology assure the highest efficiency.

4. Environment Requirements

- Ambient Temperature : -10--40°C
- Ambient Humidity : 5%--95%
- Storage Temp. : -20°C--70°C
- Storage Humidity : 30%--90%

5. Input

- Rated Voltage : AC110 / 220V
- Voltage allowed : AC100 - 240V
- Rated Freq. : 50/60Hz
- Freq. Allowed : 47/63Hz
- Max Current : 1200mA/220V

6. Output

- Voltage : 14.0V (14.85V MAX)
- Current: 16.0A (17.0A MAX.)

7. Indicator

- Connect to AC power : Green
- With load : Green

8. Mechanical Characteristics

- Size : 143*85*46 (L*W*H, mm)
- Weight: 780g
- AC plug can be customized upon your requirements



9. Operating Instructions

- Connect CY- A20 to a charger with DC in 10-18V
- Plug CY- A20 into AC 110 / 220V outlet

10. Warnings

- Never leave the adapter unattended when it is connected to charger. If any

malfunction is observed immediately terminated charging and refer to the operation instructions.

- Keep away the unit from dust, damp, rain, heat direct sunshine and vibration. Do not drop it.
- The adapter and the charger to be charged should be set up on a head-resistant, non-inflammable and non-conductive surface. Never place them on a car seat, carpet or similar.
- Keep all the inflammable volatile materials well away from operating area.
- Do not attempt to charge any types of battery including below:
 - Lead acid battery or VRLA
 - NIMH/NICd battery pack
 - Li-ion, lipo or LiFe battery

11. Warranty and Service

Chargery Power Co., Ltd. as manufacture of R/C model power warrants its AC switching charger to be free of defects in material and workmanship. This warranty is effective for 12 months from date of purchase. If within the warranty period the customer is not satisfied with the products performance resulting from a manufacturing defect the accessory will be replaced or repaired. This warranty does not cover the damage due to wear, overloading, incompetent handling or using of incorrect accessories.

