

CHG30/35 PNG Charger



The MP30 is powered by an internal rechargeable battery. For recharging Axnes offers two different charger types. Both chargers are cradle type chargers, one table charger for AC use, the other for DC use

AC charger:

The table charger has no retaining clamp and may be supplied stand alone or chained to supply multiple simultaneous charging positions. When chained 4 charging positions are mounted together and prewired to allow for several MP30's to be charged through a single power supply. A chained table charger will

support individual charge cycles for each MP50. The table chargers are supplied with a universal power supply for 100 to 250VAC, 50 or 60Hz, and power cords for any national standard.

DC charger:

The DC charger is fitted with an easy to operate retaining clamp which ensures the transceiver is secured when in the is moving. The charger will be supplied by the platforms DC power and accepts a wide voltage supply range from 10 to 36VDC through ha MIL connector.

Technical spec CHG35

Operating temperature: -45°C to +70°C
Storage temperature: -55°C to +85°C
Thermal fuse: Optional 100°C resettable thermal fuse

Power supply

Supply: 12-32V DC, Nominal 28V DC
Protection: 3A Fuse on input.
Protection against input voltage polarity swap.
Protection against over-voltage on input supply (triggered at 33VDC).
Current limit on input supply (2A).
Current limit on output (1.8A) allowing short circuit on output.

CHG35 mounted Connectors

Unit mounted power: Amphenol: MS3112E-8-4P

Dimensions

Physical dimensions: 96.1x178.2x96.1 mm
Weight: 332g

Material

Material: Aluminium 5052-H111 and silicon rubber
Colour: Black

Technical spec CHG30:

Operating temperature: -10°C to +40°C
Storage temperature: -20°C to +85°C

Power supply

Supply voltage: 90 – 264 VAC
Mains Plug supported: Australia, US/China, British and EU. Changeable.
Output: 12VDC / 2.5A

Dimensions

Physical dimensions adapter: W=43mm, H=82 mm, D=35 mm
Physical dimensions deskstand: W=88.4mm, H=71.1 mm, D=64.3 mm
Adapter Weight: 250g
Deskstand Weight: 222g

EMC and Safety of power supply

CEC Mark: Complies with standby power (@ no load) < 0.3 W.
EMC—Radiated/ Conducted: EN55022, CISPR22, FCC Part 15 Class B
Agency Approvals: UL / TUV / EN60950—1, CE, CB
Safety Standards: UL, CE, CB, EN60950-1
EMC—Environmental: EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11

Material

Material: Aluminium 5052-H111 and silicone rubber.
Colour: Black

Note: Should only be used with supplied power supply.