

Universal Lead-Acid Smart Charger

Model: H01200030-XX-D2

For your safety

• To prevent damage to this charger or injury to yourself or to others, please read the following operation instruction before using this charger. keep this operation instruction for your reference when needed.

Operation Instruction

- Connect battery pack to output connector and plug AC power source.
- Make sure the battery is correct, charge 6V or 12V Lead-Acid battery, the battery capacity 6Ah~20Ah
- Make sure battery polarity is connected correctly, red cayman clip is positive, black cayman clip is negative;
- When using, connect battery first, then connect AC power source;

Specification

- Input: 100-240Vac 50-60Hz
- Rating output voltage: 6.9Vdc & 13.8Vdc
- 3 stage charge mode
- Stage 1: charging current: $2.9 \pm 0.2A$
- Stage 2: charging voltage: $7.3V$ & $14.5V \pm 0.25V$
- Stage 3: floating voltage: $6.9V$ & $13.8V \pm 0.20V$
- Cut-off current (stage 2-3): $0.60 \pm 0.10A$
- Charging time: it is about 3.0 hours for 7Ah; 8.0 hours for 20Ah.
- Max. output power: 48W

Ripple and noise: lower than 100mA

Efficiency: more than 80%

• Protection

1. Over current protection;
2. Over voltage protection;
3. Short circuit protection;
4. Reverse Circuit protection;
5. Battery Reverse connect protection;

• Led: red charging, Green finish or standby.

• Hi-pot: input~output: 3300Vac 1min, Cut-off current = 10mA

• Operation temperature: $0 \sim +40^{\circ}C$

• Operation humidity: 20% to 90%

• Storage temperature: $-40 \sim 70^{\circ}C$

• Storage humidity: 10% to 95%

Caution

- The charger is designed for indoor use only .
- The charger should be horizontally place and work in well ventilated condition, avoid wet and keep it away from inflammable explosive goods .
- Don't discover the charger when charging, ambient temperature shall not be more than $40^{\circ}C$.
- Don't touch the plug .
- Don't try to disassemble the charger high voltage inside, danger !