

SPECIAL FEATURES

- Pulse charging mechanism provides the best effect and protect the battery.
- Temperature protection. Detecting the temperature of both the charger and the Batteries. The latter only active for the packages with thermistor built in.
- Automatically checking the numbers of batteries (5PCs to 12PCs seriesl connected), automatically adjusting the output voltage.
- Accurate constantl charging current control.
- Perfect short circuit protection and prompt. Current becomes much less than the rated charging current when short circuit occurs.
- Perfect Battery reverses protection.
- Auto repair the over-discharged batteries.
- Dual color LED shows the operating condition of the charging progress.
- Auto distinguishes the non-rechargeable batteries.

APPLICATIONS

Suit for NiMH / NiCd battery package.

Trickle Current:

When „Golden Mask“ battery charger detected the battery fully charged, It lowers the current by adjusting the PULSE Ratio to 1/20. This avoids the so-called battery self-discharge and complementarily charges the battery.

Multi-Color Indicating LED

Plug ON	RED:BLUE flash show the charger is ready
No batteries	BLUE
Charging Progress	RED
Full charged, trickle on	BLUE
Short circuit	RED BLINK QUICKLY
Battery reverse	RED BLINK QUICKLY
Repairing Batteries	RED BLINK SLOWLY
NTC thermistor short	BLUE BLINK SLOWLY
Battery voltage too low	RED:BLUE:YELLOW BLINK ALTERNATELY
Temperature protect	OFF



Product Specifications

INPUT UNIT:

Rated Voltage: AC110/220V
 Voltage allowed: AC90—265V
 Rated Freq: 50/60Hz
 Rated Current: 100mA (220V full load):
 200Ma/100V
 20mA (220V no load)
 Max Current: 150mA (220V full load)
 30mA (220V no load)

OUTPUT UNIT:

Rated Voltage:Automatically adjust from
 6V—15V

Max voltage (with no load): 20V
 Rated Current: 500mA (450mA---600mA)
 Trickle Current: 35--50MmA (Pulsel ratio 1/20
 +10mA)
 Short Circuit Current: 10—20mA
 Battery repairingl Current (Voltage less than 6V):
 50-100MA

CONTROL UNIT:

V Detect: D -I -5mV
 V Detect: 50—65SD 0
 Temperature protect: Power Supplier IC =I 150°C
 Temperature protect (optional): Battery package

45—55°C
 Using 10K MF52 NTC, B=3950
 Battery numbers: 5—10 PCs series connected
 Pulsel ratio: 31/32 512mS/Pirolde
 Timer: 6 Hours

ENVIRONMENT:

Ambientl Temperature: -10—40°C
 Ambient Humidity: 30%—85%
 Storage Temp: -20—70°C
 Storage Humidity: 30%—90%

Warranty Terms of GoldenMaskDetectors.com

The goods we sell are new, tested and packaged by the producer. The detectors and the coils are supplied with a warranty card and user guide. The warranty term is as follows:

- 2 years from the date the charger is received on

The warranty is valid with the original product invoice and the receiving receipt from the carrier. Please, keep the documents until the warranty expires - you'll have to send us these along with the product in case of warranty claim.

The warranty does NOT cover any physical damage, caused by the user, no matter if by accident or intentionally, that could be avoided by normal careful usage - broken or damaged parts, cables, knobs and plugs. The warranty does NOT cover battery

damage, caused by wrong usage, for example: if you forgot turning off the detector, the batteries will be completely discharged and it is possible that they could not be returned to life.

In case of warranty claim, prior of taking any other action, please contact us by e-mail with detailed description of the problem occurring with your product and we will get back to you ASAP with detailed instructions on how to proceed. Products that need repair, must be returned to us at your cost. Please do not open the device or try to repair it yourself or by any other unauthorized person. Such actions lead to warranty void. Warranty repairs shall be made ONLY by the producer.