



Specification **ULG8SLOT**

| 1. Production Name and Model Number | ULG8SLOT | | | | | | |
|-------------------------------------|--|------|------------------|----|------------|-----|------------|
| 1-1 Product Name | QUICK BATTERY CHARGER | | | | | | |
| 1-2 Model Name | M800 | | | | | | |
| 2. Scope | This product is a rapid charger which charges 2 to 8 single (cells) Ni-Mh/Ni-CD batteries | | | | | | |
| 3. Destinations | | | | | | | |
| 4. Appearance | | | | | | | |
| 4-1 Appearance [L x W x H] | 147.9 mm x 86mm x 27mm | | | | | | |
| 4-2 Weight | 160g (charger only) | | | | | | |
| 4-3 Flame class | Plastic material of upper and lower cases shall be UL94V-0 | | | | | | |
| 5. Electrical Characteristics | Characteristics are at DC 12V~24V and Ta=25± 5C unless Specified elsewhere in this specifications. | | | | | | |
| 5-1 Charging method | CC/CV | | | | | | |
| 5-2 Charging current | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: black; color: white;"> <th>Size</th> <th>Charging Current</th> </tr> </thead> <tbody> <tr> <td>AA</td> <td>400 ± 50mA</td> </tr> <tr> <td>AAA</td> <td>400 ± 50mA</td> </tr> </tbody> </table> | Size | Charging Current | AA | 400 ± 50mA | AAA | 400 ± 50mA |
| Size | Charging Current | | | | | | |
| AA | 400 ± 50mA | | | | | | |
| AAA | 400 ± 50mA | | | | | | |

| | | | | |
|-----|------|-------------|----------|-------------------------|
| REV | DATE | DESCRIPTION | SCALE | ISSUED DATE: 05/05/2006 |
| | | | DRAWED | CHECKED |
| | | | DESIGNED | APPROVED |

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|---|---|----------------------------|-----------|----------------|
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|---|---|----------------------------|-----------|----------------|

5-3. Applicable Batteries
and charging time

| TYPE | SIZE | CAP | Left side | Right side |
|-------|------|---------|---------------|---------------|
| | | | 2 or 4 cells | 2 or 4 cells |
| Ni-Mh | AA | 2300mAh | About 350min. | About 350min. |
| | AA | 2500mAh | About 380min. | About 380min. |
| Ni-Cd | AAA | 900mAh | About 140min. | About 140min. |

5-4 Range of the input voltage

DC 12V~24V

5-5 Charging Control

| | |
|------------------------|----------|
| - ▲V Detection Voltage | -5mV |
| 0 ▲V detection Voltage | 0 ~ -5mV |

5-6 Charge Indication

LED indicates the charging states as follows.

| | |
|------------|----------------|
| No battery | LED Light off |
| Charging | Red Light On |
| Finished | Green Light On |

5-7 Battery removed and
inserted while charging

The charger have four charging channels Each channels with two charging slots, you must put in two batteries in same charge channel then can be start charge.

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ULTRALAST

ITEM NO
ULG8SLOT

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5-8 Charging protection

The charger has the protection functions as follows

| NO | Protection function | Spec. | Note. |
|----|----------------------------------|-----------------|----------------|
| 1 | Rapid Charge Timer | 8 hours. | |
| 2 | Initial $-\Delta V$ Cancel Timer | 10 min. | |
| 3 | High voltage protection | 1.8V \pm 0.1V | At Current Off |
| 4 | Over discharged detection | 0.9 V | At Current Off |

5-9 Temperature range

Operation : 0°C ~ 40°C
 Storage : -20°C ~ 70°C

| | | | | |
|---|------|---|-----------|----------------------------|
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6. Switching Adapter specifications

6-1 Product Name Switching Adapter
 6-2 Model Name TR-1213
 6-3 Weight 130g
 6-5 Appearance [L xW xH] 82.8mm x61.2mm x53.5mm
 6-6 Flame class Plasticmaterial of upper and lower cases shallbe UL94V-0
 6-7 Safety CE/FCC/ETL
 6-8 Electrical Characteristics

| | |
|--------|--------------------|
| INPUT | AC100~240V 50/60Hz |
| OUTPUT | DC 12V/1.3A |

7. Car cord specifications

7-1 Product Name Car Cord
 7-2 Model Name DC-003
 7-3 Weight 55 g
 7-4 Appearance [L xW xH] 72mm x 26.2mm x20mm
 7-5 Flame class Plastic material of upper and lower cases shallbe UL94V-0
 7-6 Electrical Characteristics

| | |
|--------|------------|
| INPUT | DC 12-24 V |
| OUTPUT | DC 12-24 V |

| | | | | |
|---|------|---------------------|-----------|-------------------------|
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