# Specification of Multi Size Battery Charger

Product Name: 6 Channels multi size battery charger

Model No. MW AA02V-6U

## 1. Description:

| Rechargeable battery type and size | NiMH AA, AAA, C, D and 9V block                       |
|------------------------------------|---|
| Input                              | Cord connected, Euro plug                             |
|                                    | PVC, 0.5mm <sup>2</sup> , 1.8m length                 |
| Output                             | 4 channels for AA/AAA/C/D and 2 channels for 9V block |
| Display                            | LED (see LED indication for details)                  |
| Size                               | 160.0 mm x 143.5 mm x 49.8mm                          |
| Weight                             | g exclude packing                                     |
| Operation temperature              | 0 to +25℃   |
| Store temperature                  | -25 to +60°C  |
| Safety standard                    | EN60335-2-29:2004+A2:2010                             |
|                                    | EN60335-1:2012+A12:2017                               |
| EMC standard                       | EN55014-1:2017  |
|                                    | EN61000-3-2:2014                                      |
|                                    | EN61000-3-3:2013                                      |
|                                    | EN55014-2:2015  |
| Approval                           | CE  |

## 2. Rating:

| Input         | 100-240V, 60/50Hz 100mA   |
|---------------|---|
| Output        | Channel 1-4: 1.2V; 270mA for AA/AAA/C/D (Trickle charge current 30mA) |
|               | Channel 5-6: 9V, 13mA for 9V block                                    |
| Protection    | short circuit and wrong polarity                                      |
| End of charge | Channel 1 -4:   |
|               | Timer: 3 / 6 / 9 / 15 hours, depends on the capacity                  |
|               | Channel 5-6:  |
|               | Voltage cut off   |
| Discharging   | Batteries will discharge after press the "Discharge button".          |

### 3. LED indication:

For Channel 1 to 4

| Status                    | Performance                            |
|---------------------------|--|
| No battery                | LED OFF                                |
| Charging                  | Red LED ON                             |
| Discharging               | Red and Green LEDs flash alternatively |
| Full and trickle charging | Green LED ON                           |

#### For channel 5 to 6

| Status     | Performance |
|------------|-------------|
| No battery | LED OFF     |

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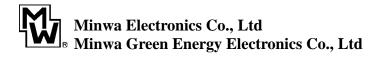
| Charging       | Red LED ON   |  |
|----------------|--------------|--|
| Full           | Green LED ON |  |
| "Test"         |              |  |
| Battery Status | Performance  |  |
| Empty          | Fast flash   |  |
| Middle         | Slow flash   |  |
| Full           | Green LED ON |  |

#### 4. Operating instruction

- Check and select the charging time before charging
- Insert the battery (ies) per channel
- Make sure everything is ok, then insert the AC plug to wall socket
- Charging starts
- Charger will verify how full on the battery at the first few seconds. User can stop charging (take out the battery) if it indicates the battery is full.
- Charging will stop and go to Trickle charging mode if time is up
- Refresh battery: Press the Discharge button to discharge the battery. After that it will charge the battery(ies) automatically.
- For 9V Block battery, it is no discharge functions. 9V battery is inserted, then it starts to charge until full.

### 5. Sketch & picture

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