

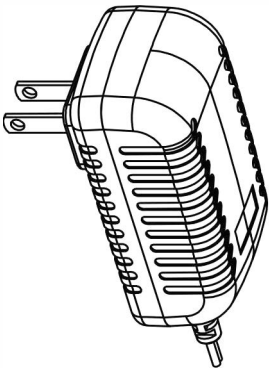
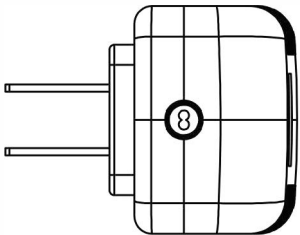
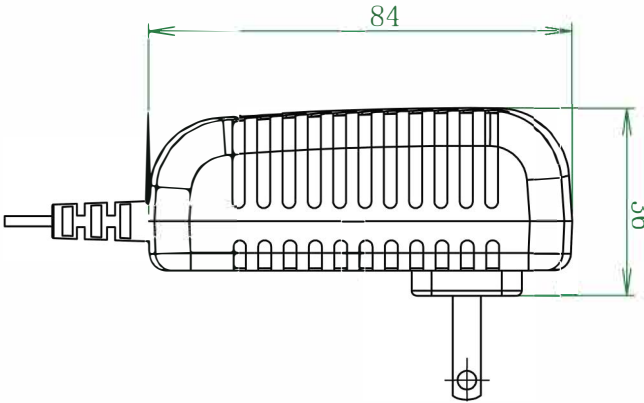
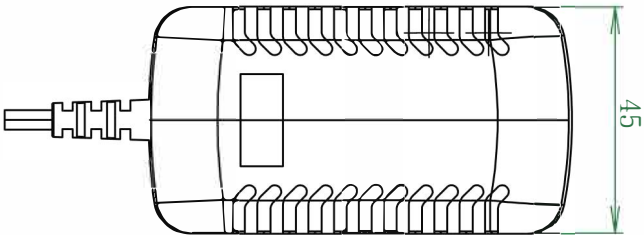


**P2012-L2 (8.4V 2.0A) 2S Li-ion Battery Charger**

| Item                   | Specification                  | Remark                      |
|------------------------|--------------------------------|-----------------------------|
| <b>1.Input</b>         |                                |                             |
| Rating input voltage   | 100~240Vac 50/60Hz             |                             |
| Input voltage range    | 90~264Vac                      |                             |
| Rating input current   | 0.5Arms                        | Input:100V Output:Full load |
| Max input power        | 23W                            | Input:100V Output:Full load |
| <b>2.Output</b>        |                                |                             |
| No load output voltage | DC8.4V                         |                             |
| Output voltage range   | DC5.0~8.4V                     |                             |
| Suit with battery type | 2S Li-ion battery              |                             |
| Charging current       | 2.0A $\pm 10\%$                |                             |
| Charging voltage       | DC8.4V $\pm 0.1V$              |                             |
| Charge-end current     | 0.12~0.2A                      |                             |
| Timer                  | -                              |                             |
| Max output power       | 16.8W                          |                             |
| Ripple voltage         | $\leq 84mV$                    | Full load                   |
| Charging LED           | Red:Charging                   |                             |
|                        | Green :Full charged or idle    |                             |
| Shorted                | Yes                            |                             |
| Reversed               | Yes                            |                             |
| Efficiency             | $\geq 78\%$                    | Full load @220V             |
| <b>3.Environment</b>   |                                |                             |
| Operate temperature    | -10 ~ +40℃                     |                             |
| Operate humidity       | < +90%                         | Relative humidity           |
| Storage temperature    | -40 ~ +70℃                     |                             |
| Storage humidity       | 0 ~ +95%                       | Relative humidity           |
| Cooling                | Natural                        |                             |
| Vibration resistance   | 5MM/50HZ/600S                  | Non-operating condition     |
| Impact resistance      | 1 meter drop test 3 times      | Non-operating condition     |
| <b>4.Mechanical</b>    |                                |                             |
| Weight                 | 120g                           |                             |
| Size                   | 84X45X36mm(US),84X45X50mm(VDE) | Casing only                 |
| Connector              | Refer to order                 |                             |
| <b>5.Safety</b>        |                                |                             |
| Max. temperature rise  | < 40℃ on casing                |                             |
| Safety approval        | CE/cTUVus/CCC                  |                             |
| MTBF                   | 30000H                         |                             |
| ESD                    | 8.0KV                          |                             |
| Hi-Pot Insulation      | i/p to o/p: 3000V (1 min)      |                             |

| CUSTOMER REV |  | REV | ZONE | DESCRIPTION | CHA BY/DATE | APP BY/DATE |
|--------------|--|-----|------|-------------|-------------|-------------|
|--------------|--|-----|------|-------------|-------------|-------------|

| TOLERANCE FOR INJECT PARTS |                     |  |
|----------------------------|---------------------|--|
| DIVISION                   | TOLERANCE (CLASS 5) |  |
| DIMENSION                  |                     |  |
| -10                        | ± 0.10              |  |
| 10-30                      | ± 0.15              |  |
| 30-50                      | ± 0.20              |  |
| 50-75                      | ± 0.25              |  |
| 75-100                     | ± 0.30              |  |
| 100-125                    | ± 0.35              |  |
| 125-150                    | ± 0.40              |  |
| 150-175                    | ± 0.45              |  |
| 175-200                    | ± 0.50              |  |
| 200-250                    | ± 0.60              |  |
| 250-315                    | ± 0.70              |  |
| 315-355                    | ± 0.80              |  |
| 355-400                    | ± 0.90              |  |
| 400-450                    | ± 1.00              |  |
| 450-500                    | ± 1.10              |  |



|                                            |  |               |  |
|--------------------------------------------|--|---------------|--|
| SHENZHEN GREEN DIGITAL POWER TECH CO., LTD |  |               |  |
| TITLE:                                     |  | MATE:         |  |
| MODEL:                                     |  | WEIGHT:       |  |
| DES BY:                                    |  | UNIT : mm     |  |
| CAD FILE:                                  |  | TEXTURE       |  |
| CHECK BY:                                  |  | Paper Size/A4 |  |
| FINISH/ TREATMENT:                         |  | SCALE:        |  |
| APP BY:                                    |  | DATE:         |  |
| PART NO.:                                  |  | Ft            |  |
| CUSTOMER P/N:                              |  |               |  |

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