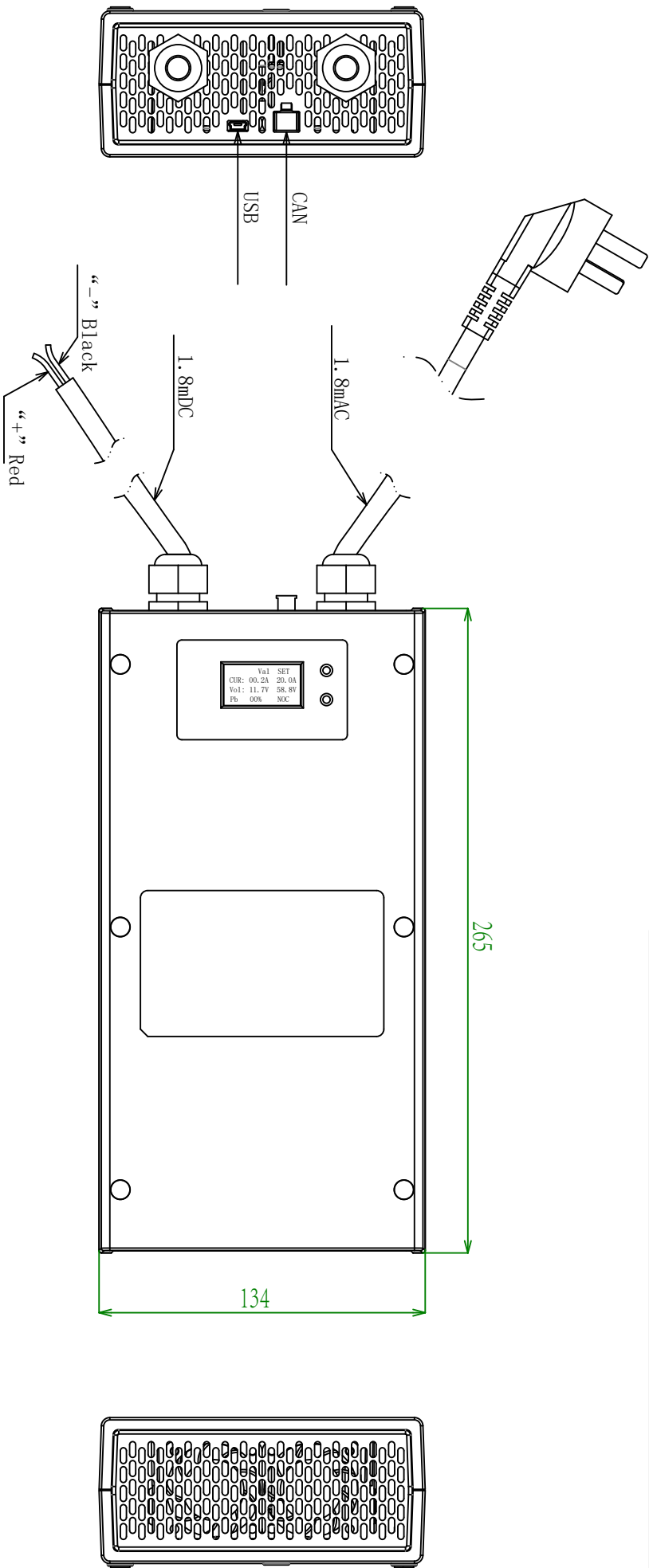


**G1200-252360 (25.2V 36.0A) 6S Li-ion Battery Charger**

| Item                   | Specification                         | Remark                                                                                                         |
|------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>1.Input</b>         |                                       |                                                                                                                |
| Rating input voltage   | 100~240Vac 50/60Hz                    |                                                                                                                |
| Input voltage range    | 90~264Vac                             |                                                                                                                |
| Rating input current   | 13.0Arms                              | Input:100V Output:Full load                                                                                    |
| PF value               | $\geq 0.96$                           |                                                                                                                |
| Standby input power    | $\leq 4W$                             |                                                                                                                |
| Max input power        | 900W                                  | Input:100V Output:Full load                                                                                    |
| <b>2.Output</b>        |                                       |                                                                                                                |
| No load output voltage | DC25.2V $\pm 1\%$                     |                                                                                                                |
| Output voltage range   | DC15.0~25.2V                          |                                                                                                                |
| Suit with battery type | 6S Li-ion battery                     |                                                                                                                |
| Charging current       | 36.0A $\pm 10\%$                      |                                                                                                                |
| Charging voltage       | DC25.2V $\pm 1\%$                     |                                                                                                                |
| Pre-charge             | 7.2A $\pm 10\%$                       | Voltage $\leq 18.0V$ Pre-charge                                                                                |
| Charge-end current     | $\leq 3.6A \pm 10\%$                  |                                                                                                                |
| Timer                  | -                                     |                                                                                                                |
| Max output power       | 907W                                  |                                                                                                                |
| Ripple voltage         | $\leq 252mV$                          | Full load                                                                                                      |
| LCD                    | Display<br>voltage, current, capacity |                                                                                                                |
| Communication function | USB/CAN                               | The battery type (Lead Acid, Lithium battery, Li-Fe Battery), charging voltage and charging current can be set |
| Shorted                | Yes                                   |                                                                                                                |
| Reversed               | Yes                                   |                                                                                                                |
| Efficiency             | $\geq 92\%$                           | 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                | Fan                                   |                                                                                                                |
| Vibration resistance   | 5MM/50HZ/600S                         | Non-operating condition                                                                                        |
| Impact resistance      | 1 meter drop test 3 times             | Non-operating condition                                                                                        |
| <b>4.Mechanical</b>    |                                       |                                                                                                                |
| Weight                 | 2.3Kg                                 |                                                                                                                |
| Size                   | 280X135X60MM                          | Casing only                                                                                                    |
| Connector              | Refer to order                        |                                                                                                                |
| <b>5.Safety</b>        |                                       |                                                                                                                |
| Max. temperature rise  | < 40℃ on casing                       |                                                                                                                |
| Safety approval        | EN60950 (LVD) , EN55032 (EMC)         |                                                                                                                |
| 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 |
|--------------|-----|------|-------------|-------------|-------------|
|              |     |      |             |             |             |



|                                            |  |                   |         |               |
|--------------------------------------------|--|-------------------|---------|---------------|
| Shenzhen Green Digital Power-Tech CO., LTD |  |                   |         | MATL:         |
| TITLE:                                     |  | G1200W-XXXXXX     |         | WEIGHT:       |
| MODEL:                                     |  | CAD FILE:         | UNIT:mm | TEXTURE NO.   |
| DES BY:                                    |  | COLOR:            |         | Paper Size:A4 |
| CHECK BY:                                  |  | FINISH/TREATMENT: |         | SCALE: Fit    |
| APP BY:                                    |  | DATE:             |         | DATE          |
| CUSTOMER P/N:                              |  |                   |         |               |
| PART NO.:                                  |  |                   |         |               |