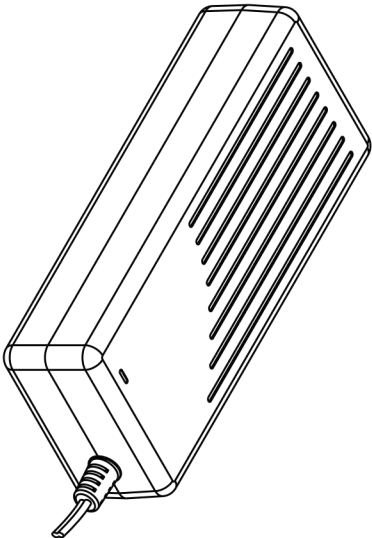
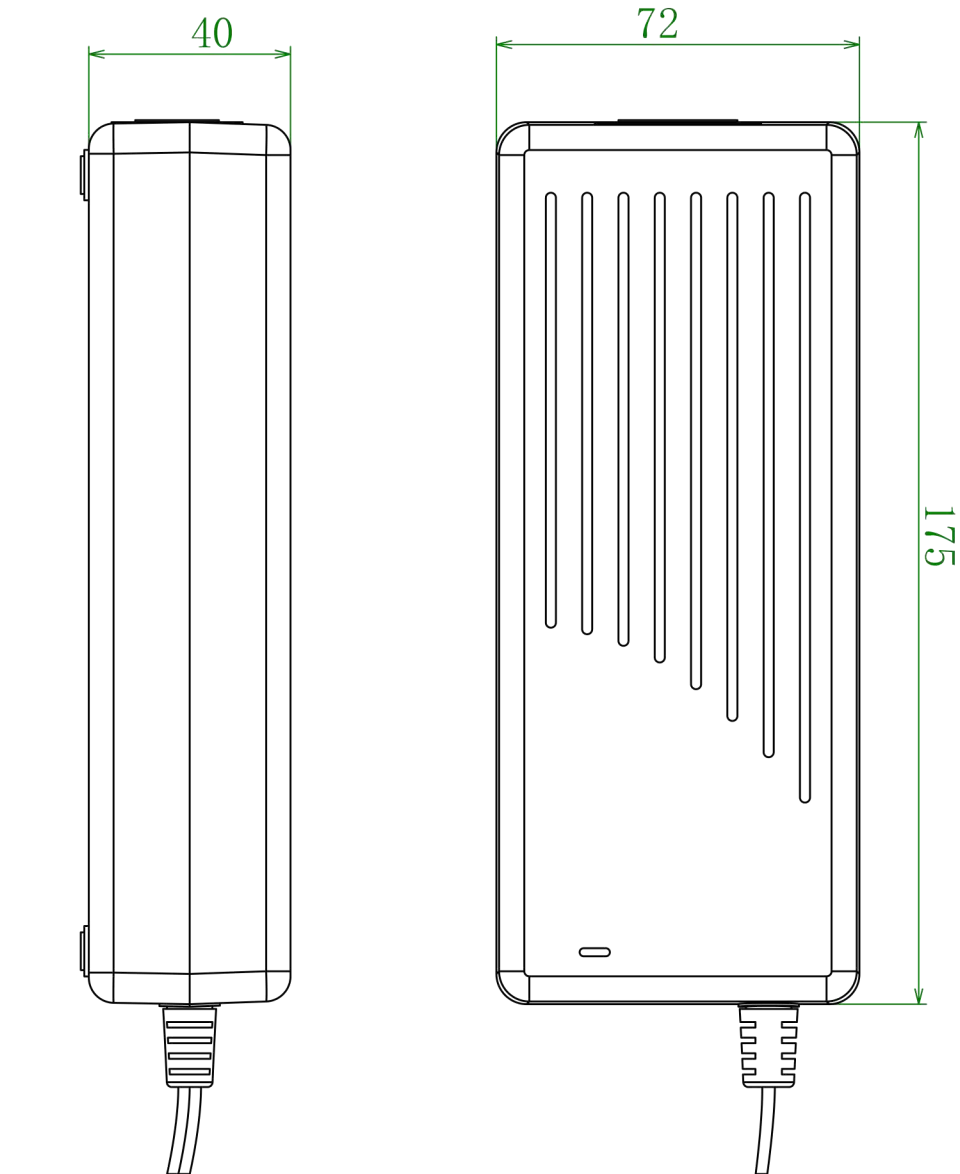


**G168-190088 (19.0V 8.8A) Power Adapter**

| Item                  | Specification               | Remark                                                                                                             |
|-----------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>1.Input</b>        |                             |                                                                                                                    |
| Rating input voltage  | 100~240Vac 50/60Hz          |                                                                                                                    |
| Input voltage range   | 90~264Vac                   |                                                                                                                    |
| Rating input current  | 2.2Arms                     | Input:100VAC Output:Full load                                                                                      |
| Power factor          | PF>0.98                     | Input:115VAC Output:Full load                                                                                      |
|                       | PF>0.94                     | Input:230VAC Output:Full load                                                                                      |
| Efficiency            | 93.0%                       | Input:115VAC Output:Full load                                                                                      |
|                       | 95.0%                       | Input:230VAC Output:Full load                                                                                      |
| Standby power         | 160mW                       | Input:115VAC&230VAC                                                                                                |
| Inrush current        | 30A/115VAC 50A/230VAC       | Cold-start and 25℃,Full-load                                                                                       |
| Leakage current       | <500uA                      | 240VAC                                                                                                             |
| <b>2.Output</b>       |                             |                                                                                                                    |
| Output voltage        | 19V                         |                                                                                                                    |
| Output current range  | 0-8.8A                      |                                                                                                                    |
| Rated maximum power   | 167.2W                      |                                                                                                                    |
| Voltage tolerance     | ±2%                         |                                                                                                                    |
| Voltage regulation    | ±1%                         |                                                                                                                    |
| Load regulation       | ±5%                         |                                                                                                                    |
| Start-up time         | 300ms                       | Input:115VAC Output:Full load                                                                                      |
| Rise time             | 20ms                        | Input:115VAC Output:Full load                                                                                      |
| Hold time             | 20ms                        | Input:115VAC Output:Full load                                                                                      |
| Ripple voltage        | 170mV                       | 20MHz , AC coupling mode,<br>connected in parallel with 0.1uf ceramic<br>capacitor and 47uf electrolytic capacitor |
| <b>3.Protect</b>      |                             |                                                                                                                    |
| OLP                   | 110-160% , Lock mode        |                                                                                                                    |
| OVP                   | Lock mode                   |                                                                                                                    |
| SCP                   | Lock mode                   |                                                                                                                    |
| OTP                   | Lock mode                   |                                                                                                                    |
| <b>4.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>5.Mechanical</b>   |                             |                                                                                                                    |
| Weight                | 680g                        |                                                                                                                    |
| Size                  | 175X72X40MM                 | Casing only                                                                                                        |
| Connector             | Refer to order              |                                                                                                                    |
| <b>6.Safety</b>       |                             |                                                                                                                    |
| Max. temperature rise | < 40℃ on casing             |                                                                                                                    |
| Safety approval       | CE/SAA/FCC/CCC/cTUVus/CB/BS |                                                                                                                    |
| 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 |
|--------------|--|-----|------|-------------|-------------|-------------|
|              |  |     |      |             |             |             |



深圳市谷润数字电源有限公司

|               |                   |               |             |
|---------------|-------------------|---------------|-------------|
| TITLE:        |                   | MATE:         |             |
| MODEL:        |                   | G168W-XXXXXX  |             |
| DES BY:       | CAID FILE:        | UNIT : mm     | TEXTURE NO. |
| CHECK BY:     | COLOR:            | Paper Size:A4 | SCALE:      |
| APP BY:       | FINSH/ TREATMENT: |               | DATE:       |
| PART NO.:     |                   |               |             |
| CUSTOMER P/N: |                   |               |             |