

# CLP 150W



## FEATURES

- Universal AC input
- Small size, light weight, high efficiency
- Stable output current
- 100% full load burn-in test
- Both double insulated wire AC&DC
- 2 years warranty

| MODEL       |   | CLP150-W1V12  | CLP150-W1V24 |  |  |
|-------------|---|---|--------------|--|--|
| OUTPUT      | RATED VOLTAGE   | 12V   | 24V          |  |  |
|             | NO-LOAD VOLTAGE(MAX.)   | 12.6V   | 24.6V        |  |  |
|             | VOLTAGE TOLERANCE   | ±5%   | ±5%          |  |  |
|             | RATED CURRENT   | 12.5A   | 6.25A        |  |  |
|             | CURRENT RANGE   | 0-12.5A   | 0-6.25A      |  |  |
|             | RATED POWER   | 150W  | 150W         |  |  |
|             | RIPPLE& NOISE (MAX.)  | 120mVp-p  | 150mVp-p     |  |  |
|             | POWER FACTOR(Typ.)  | 0.6   | 0.6          |  |  |
| INPUT       | VOLTAGE RANGE   | 100-240VAC  |              |  |  |
|             | FREQUENCY RANGE   | 50-60 Hz  |              |  |  |
|             | AC CURRENT(Typ.)  | 2.56A/115V, 1.28A/230V  |              |  |  |
|             | EFFICIENCY(Typ.)  | 85%   | 87%          |  |  |
|             | COLD START CURRENT  | 30A/AC230V  |              |  |  |
|             | SETUP, RISE, HOLD UP TIME   | 1500ms, 100ms, 30ms   |              |  |  |
|             | NO-LOAD CURRENT   | <50mA/240VAC  |              |  |  |
| PROTECTION  | OVER LOAD   | hiccup 105%~135% of the rated power 150W,<br>recovers automatically after fault condition is removed      |              |  |  |
|             | OVER CURRENT  | protected over the maximum rated current,<br>recovers automatically after fault condition is removed      |              |  |  |
|             | SHORT CIRCUIT   | hiccup short circuit,<br>recovers automatically after fault condition is removed                          |              |  |  |
|             | OVER TEMP   | protected when the Rectifier ≥105°C,<br>recovers automatically after temperature fall to environment temp |              |  |  |
| ENVIRONMENT | WORKING TEMP&HUMIDITY   | -20°C~+40°C (no frost), 20%~90%RH   |              |  |  |
|             | STORAGE TEMP&HUMIDITY   | -40°C~85°C, 10%~95%RH   |              |  |  |
|             | SEISMIC CAPACITY  | 10-500Hz 2G 10.min/1 60min  |              |  |  |
|             | WITHSTAND VOLTAGE   | I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min,                                      |              |  |  |
|             | INSULATION RESISTANCE   | 100M ohm s/DC500V   |              |  |  |
| SAFETY&EMC  | SAFETY STANDARDS  | GB4943 ;IEC60950-1; EN60950-1   |              |  |  |
|             | EMC STANDARDS   | EN55022 CLASS A;GB9254  |              |  |  |
| REMARK      | 1. The above mentioned data were measured at 220VAC input and 25°C.<br>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. |   |              |  |  |

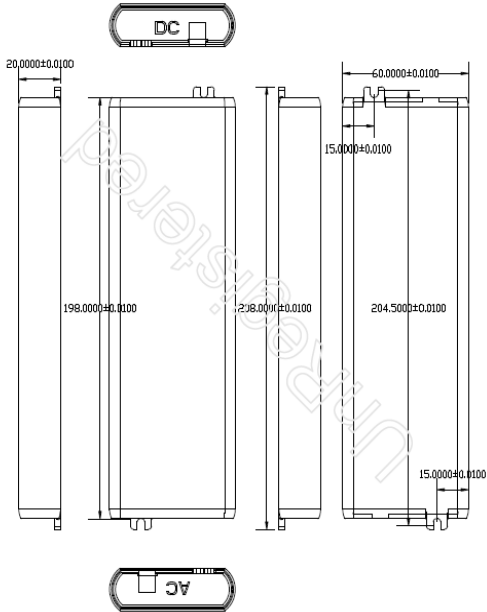
Tel: 086 755 2306 0905

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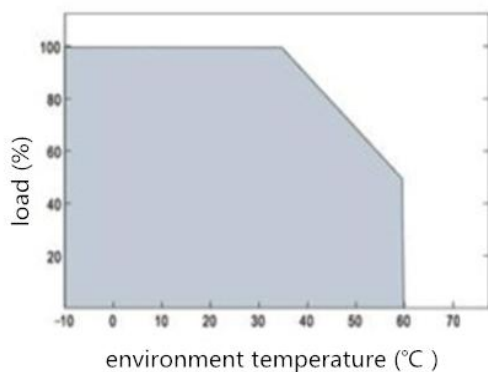
Website: [www.szshanpu.cc](http://www.szshanpu.cc)

Add: 5th Floor, B3 Building, 2nd Nanchang Industrial Park, Xixiang Street, Baoan District, Shenzhen, China

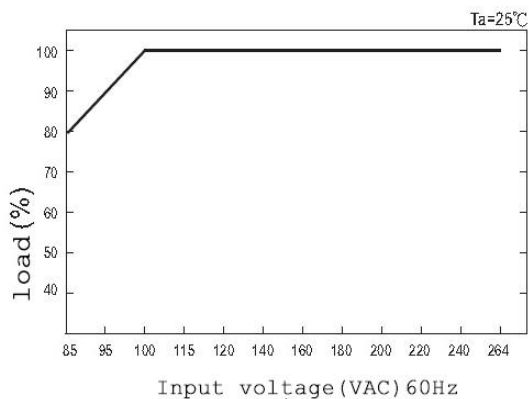
### Mechanical Specification

| Terminal Assignment |            |               |              | Appearance and Dimension   |  |
|---------------------|------------|---------------|--------------|--|--|
| Pin No.             | Assignment | Pin No.       | Assignment   |  |  |
| 1                   | AC INPUT/L | 1             | DC OUTPUT/-V |  |  |
| 2                   | AC INPUT/N | 2             | DC OUTPUT/+V |  |  |
|                     |            |               |              |  |  |
| Packing and Weight  |            |               |              |  |  |
| Dimension           |            | 208*60*20mm   |              |  |  |
| Weight              |            | 0.3kg         |              |  |  |
| Carton Dimension    |            | 362*273*160mm |              |  |  |
| Carton weight       |            | 0.5kg         |              |  |  |
| Carton quantity     |            | 28pcs/carton  |              |  |  |

### Derating Curve



### Static Characteristics(12V)



### Note

1. Cut the AC input before checking any mal-phenomenons.
2. Make sure the INPUT&OUPUT were in right situation before connected to power supply.
3. Be ware of high power pressure may caused by short circuit when installing metal casing products.
4. All the images and data are just for reference, specific please in kind prevail!

### F&Q

- A. First use, connect the LEDs to the power supply, correct AC&DC connection, but the LEDs are not light or other fault condition.
- Q. Cut the AC input, check whether there are any poor contacts in the AC and DC terminals.
- A. Correct connection, the LEDs is on but the brightness is too strong/too weak/flashing.
- Q. Cut the AC input, check whether over load or short circuit.

### After sale

Please contact us at [eric@szshanpu.cc](mailto:eric@szshanpu.cc) for further solution if any unforeable problem happens.

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