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|-----------|---------------|------------|---------------------|
| Model NO. | LCCH-150■300 | Model Name | Power Supply |
| Part NO. | PLCCH1150■300 | SIZE | 208.4mm*72mm*38.5mm |



FEATURES

- ◆ AC Input 90~305Vac
- ◆ Protection: SCP / OTP / OVP
- ◆ High Operating ambient Temp: -30℃ ~ +60℃
(Refer to output dreading curve)
- ◆ Power Factor: >0.98 @ 115Vac; >0.95 @ 230Vac; @ full load
- ◆ Safety: UL / TUV / CB / PSE
- ◆ EMC: CE / FCC
- ◆ Comply with Indoor/Outdoor Waterproof (IP 67)
- ◆ Dimension (L*W*H): 208.4 * 72 * 38.55 mm
- ◆ Dimension (L*W*H): 8.2 * 2.83 * 1.52 inch
- ◆ ROHS Compliant

Module : LCCH-150■300

*,# =SEE NOTES BELOW

| *(9) | MODEL | LCCH-150■300 | | |
|------|-----------------------------|--|-------|------|
| | | min. | norm. | max. |
| | SPECIFICATION | | | |
| | OPERATING VOLTAGE RANGE(V) | 24 | | 30 |
| * | PRESET ACCURACY (%) *(8) | | 1 | |
| * | OUTPUT CURRENT(A) *(5) | 4.9 | | 5.1 |
| * | O/P NOISE (P-P, mV) *(3) | | | 500 |
| * | LINE REGULATION (%) *(7) | | 1 | |
| * | LOAD REGULATION (%) *(6) | | 1 | |
| | DC OUTPUT POWER | 150 W | | |
| | EFFICIENCY(typ @ Full Load) | 90% | | |
| | SETUP,RISE TIME(typ.) | 2000ms,500ms at full load 115VAC/230VAC | | |
| | HOLD UP TIME | 25ms at full load 115VAC/230VAC | | |
| | INPUT VOLTAGE RANGE | 90-264VAC, 127-373VDC, Normal : 100-240VAC | | |
| | INPUT FREQUENCY | Range:47-63Hz, Normal : 50-60Hz | | |
| | ACTIVE POWER FACTOR | PF>0.98 @ 115VAC, PF>0.95 @ 230VAC at full load and rated output voltage | | |
| | INRUSH CURRENT (typ) | COLD START 65A @ 230VAC | | |
| | AC CURRENT | 2.4A/115VAC 1.2A/230VAC | | |
| | LEAKAGE CURRENT | <0.45mA/277VAC | | |
| | SHORT CIRCUIT PROTECTION | short circuit protection will restart automatically after the fault condition is removed | | |
| | OVER TEMP. PROTECTION | shut down and latch off o/p voltage , re-power on to recover | | |
| | OVER V, PROTECTION | | | |
| * | OPERATING TEMP.*(4) | -30 to +60℃ @full load(Refer to output dreading curve) | | |
| | STORAGE TEMPERATURE | -40 to +80℃ | | |
| | RELATIVE HUMIDITY | 0 to +95%, non-cond. | | |
| | TEMP. COEFFICIENT | 0.03% / °C (0-50℃, typ) | | |
| | SAFETY | PSE / CB | | |
| | EMI | CE EN55015 / FCC Part15 | | |
| | WITHSTAND VOLTAGE | I/P-O/P : 3.75KVAC, O/P-Grnd : 0.5KVAC, I/P-Grnd : 1.88KVAC | | |
| | ISOLATION RESISTANCE | I/P-O/P, I/P-FG,O/P-FG :100M Ohms / 500VDC / 25℃ / 70% RH | | |
| | DIMENSIONS(L*W*H) | 208.4 * 72 * 38.5 mm 【 8.2 * 2.83 * 1.52 inch 】 | | |

NOTES : (1)All parameters not specially mentioned are measured 230VAC input.

(2)All specifications Typical @25℃ , unless otherwise noted, at normal line and load.

(3)Ripple and Noise measured directly at pins/terminals at nom. load, 0.1uF bypass and 47uF electrolytic, pk-pk @20MHz bandwidth.

(4)Specified for free-air convection cooling.

(5)Minimum load is NOT required for proper operation .

(6)Load regulation measured from 20% to Full load.

(7)Line regulation measured from 100VAC to 240VAC.

(8)Preset accuracy measured at normal load, 120VAC input.

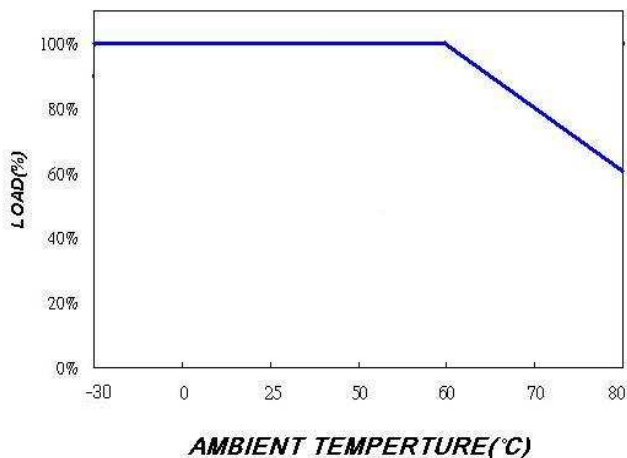
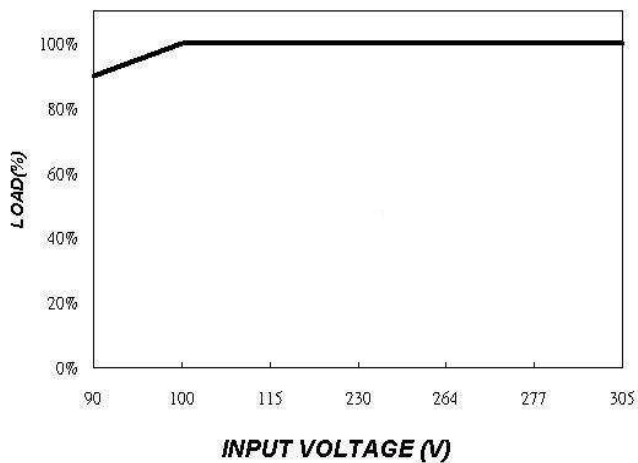
(9)100% Production Tested.

✳Reference

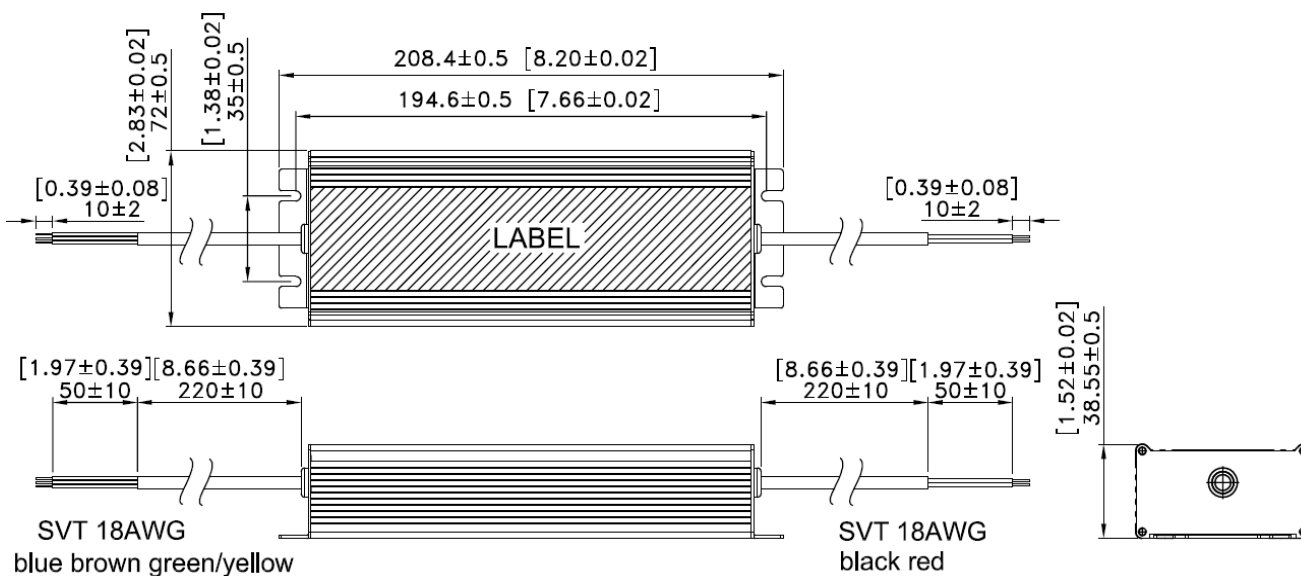
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DERATE



Dimensions



Unit :mm [inch]

※Reference