

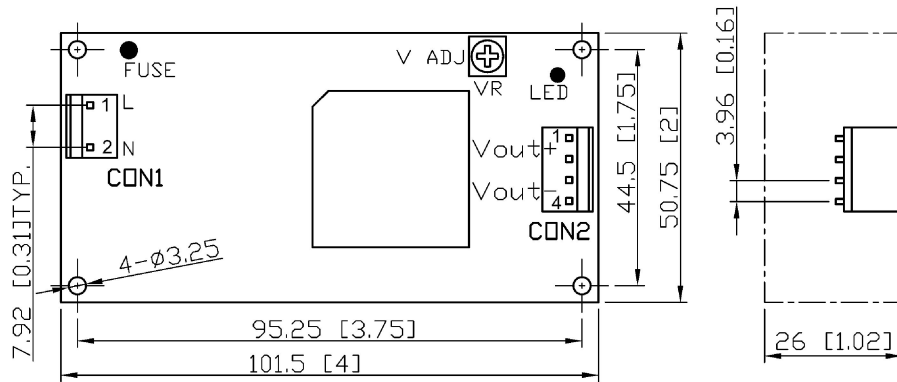
■ Main Features

-] Standard 50.75x101.5mm (2"x4") footprint design
-] Suitable for Network System, Telecommunication System, Storage System, Industrial Application and Consumer Electronics
-] Output Power up to 65W
-] With high variety of Output Voltage from 3.3Vdc to 48Vdc

TECHNICAL DATA

| Model type | S0 | S1 | S1-1 | S2 | S3 | S4 | S4-1 | S6 | S5 |
|--|--|-------------|-------------|---------------|---------------|---------------|-------------|---------------|---------------|
| OUTPUT DATA | | | | | | | | | |
| Rated voltage | 3.3Vdc | 5Vdc | 9Vdc | 12Vdc | 15Vdc | 24Vdc | 30Vdc | 36Vdc | 48Vdc |
| Adj. output voltage range [Vdc] | 3.20...3.39 | 4.85...5.15 | 8.73...9.27 | 11.64...12.36 | 14.55...15.45 | 23.28...24.72 | 29.1...30.9 | 34.92...37.08 | 46.56...49.44 |
| Continuous current | 8.0A | | 6.67A | 5.0A | 4.0A | 2.7A | 2.17A | 1.8A | 1.36A |
| Overload limit | 110%...200% | | | | | | | | |
| Line regulation | ±0.5% | | | | | | | | |
| Load regulation | ±3% | | | | | | | | |
| Ripple & Noise ¹ | 66mVpp | 75mVpp | 90mVpp | 120mVpp | 150mVpp | 240mVpp | 300mVpp | 360mVpp | 480mVpp |
| Hold up time Vin = 115Vac | ≥ 16ms | | | | | | | | |
| Protections | <ul style="list-style-type: none"> ▪ Overload/short circuit: Hiccup mode/Auto-recovery ▪ Output overvoltage : Latch Off (140%) | | | | | | | | |
| Status Signals | <ul style="list-style-type: none"> ▪ Green LED | | | | | | | | |
| INPUT DATA | | | | | | | | | |
| Input AC rated voltage Frequency | Nominal: 115...230Vac Range: 90...264Vac 47...63Hz | | | | | | | | |
| Input AC rated current Vin = 115Vac Vin = 230Vac | 1.2A 0.8A | | | | | | | | |
| Inrush peak current Vin = 115Vac Vin = 230Vac | ≤ 40A ≤ 65A | | | | | | | | |
| Touch (leakage) current | ≤ 3.5mA | | | | | | | | |
| Internal protection fuse | Yes (not user replaceable) | | | | | | | | |
| GENERAL DATA | | | | | | | | | |
| Efficiency | > 76% | > 80% | > 80% | > 82% | > 82% | > 85% | > 85% | > 85% | > 85% |
| Output power | 26.4W | 40W | 60W | 60W | 60W | 65W | 65W | 65W | 65W |
| Operating temperature | - 40°C...+ 50°C | | | | | | | | |
| Storage temperature | - 40°C...+ 85°C | | | | | | | | |
| Humidity | 5...95% r.H. non condensing | | | | | | | | |
| Overvoltage category | ▪ EN50178 | | III | | | | | | |
| Pollution degree | ▪ IEC60664-1 | | 2 | | | | | | |
| Protection Class | ▪ CLASS | | I | | | | | | |
| Input / output isolation | 4.2kVdc | | | | | | | | |
| Input / Earth | 2.6kVdc | | | | | | | | |
| Safety Standards | ▪ UL950 | | (Certified) | | | | | | |
| | ▪ FCC | | (Certified) | | | | | | |
| EMC Emission | ▪ EN55022 (CISPR22) | | Class B | | | | | | |
| | ▪ EN61000-3-2 | | Class D | | | | | | |
| EMC Immunity | ▪ EN61000-4-2 | | Level 3 | | | | | | |
| | ▪ EN61000-4-3 | | Level 2 | | | | | | |
| | ▪ EN61000-4-4 | | Level 3 | | | | | | |
| | ▪ EN61000-4-5 | | Level 3 | | | | | | |
| | ▪ EN61000-4-11 | | Level 2 | | | | | | |
| Connection Input terminals | Molex 09-65-2038 or Equivalent parts Mating type = Molex 09-52-4034 or Equivalent | | | | | | | | |
| Connection Output terminals | Molex 09-65-2048 or Equivalent parts Mating type = Molex 09-52-4044 or Equivalent | | | | | | | | |
| Weight | 0.170kg | | | | | | | | |
| Size (W x H x D) | 50.75 x 101.5 x 26.0mm | | | | | | | | |
| 1) Ripple and Noise are measured with 20MHz bandwidth, probe terminated with a 22uF electrolytic Capacitor in parallel with a 0.1uF ceramic capacitor. | | | | | | | | | |
| Notes: | | | | | | | | | |
| - Technical parameters are typical, measured in laboratory environment at 25°C and 230Vac / 50Hz, at nominal values, after minimum 5 minutes of operation. | | | | | | | | | |
| - Power rating, losses, efficiency, ripple, thermal behaviour and start-up may change outside of the nominal rated input range. Contact factory for details. | | | | | | | | | |
| - Data may change without prior notice in order to improve the product. | | | | | | | | | |

DIMENSIONS



TOLERANCE :mm±0.5/[inch]±0.02
UNIT :mm[inch]

CONNECTION

**Input Connection:
CON1**

- Single phase:
- PIN1 = Line
 - PIN2 = Neutral

**Output Connection:
CON2**

- PIN1 = Positive DC
- PIN2 = Positive DC
- PIN3 = Negative DC
- PIN4 = Negative DC