

**AC Input :**

VOLTAGE : 90~132 or 185~260V, (115/230 auto)

FREQUENCY : 50/60Hz

INPUT CURRENT : 8A/4A For 115/230VAC

INRUSH CURRENT : 60A/80A MAX FOR 115/230

DC Output :

| OUTPUT VOLTAGE | OUTPUT CURRENT | | REGULATION | | OUTPUT RIPPLE & NOISE MAX. [P-P] |
|----------------|----------------|-----------|------------|------|------------------------------------|
| | MIN (A) | MAX (A) | LOAD | LINE | |
| +5V | 3 | 30 | ±5% | ±1% | 50mV |
| +12V | 2 | 16 | ±5% | ±1% | 120mV |
| -5V | 0.1 | 0.3 | ±10% | ±1% | 150mV |
| -12V | 0.1 | 0.8 | ±10% | ±1% | 150mV |
| +3.3V | 1 | 20 | ±5% | ±1% | 50mV |
| +5VSB | 0.1 | 2 | ±5% | ±1% | 50mV |

The combined output power +5V&+3.3V shall not exceed 150W.

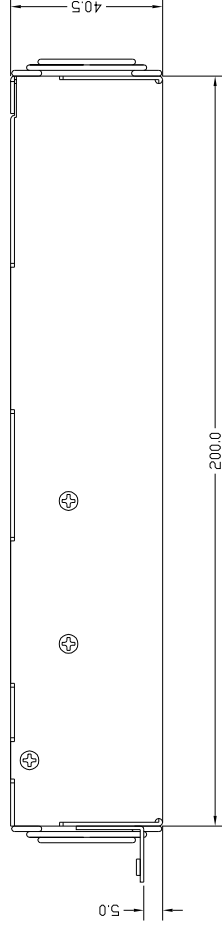
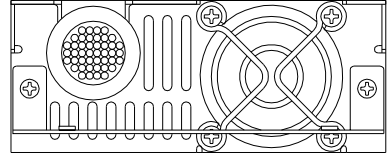
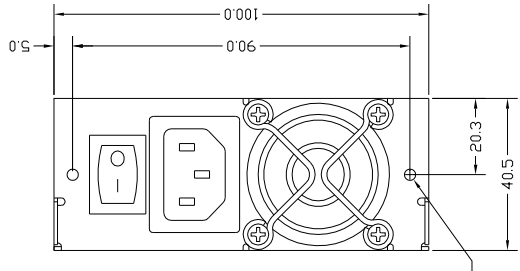
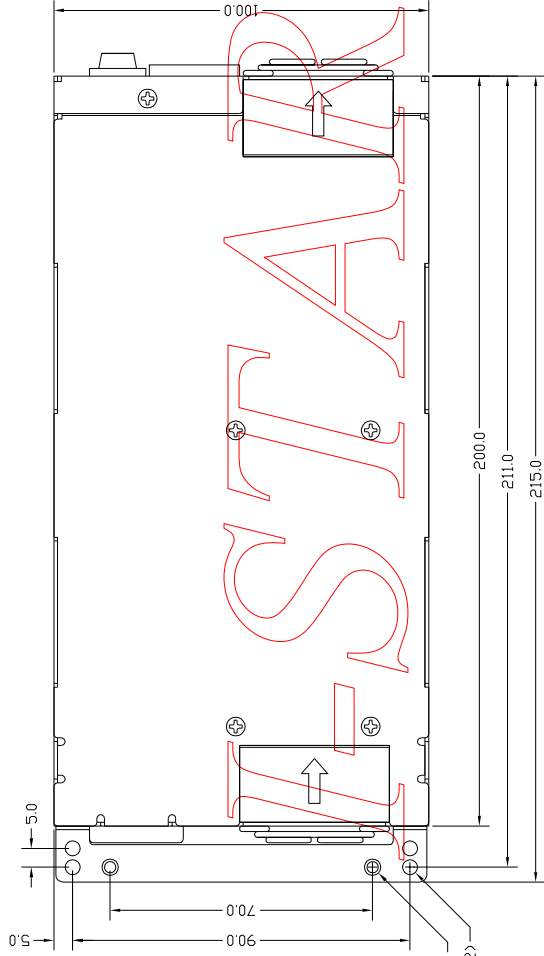
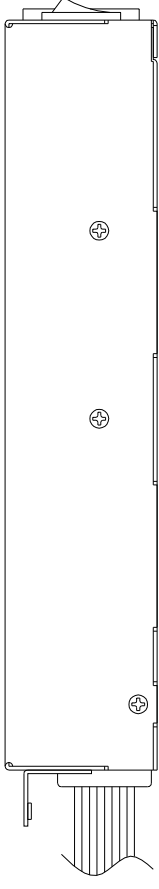
The total power shall not exceed 300W.

Features...

- ◎ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ◎ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ◎ EFFICIENCY : 68% TYPICAL (Normal Line)
- ◎ POWER GOOD SIGNAL : Should be asserted high to indicate that+5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- ◎ OVER POWER PROTECTION : The power supply shall shut down output power exceeds 130% to 160%
- ◎ OVER VOLTAGE PROTECTION : Standard on +5.0V, set at 6.25VDC ± 0.75VDC
- ◎ SHORT CIRCUIT PROTECTION : A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- ◎ EMI : FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- ◎ GAENCY APPROVALS : UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- ◎ MTBF OF POWER SUPPLY ELECTRONNIS : 100,000 hours at 25°C.
LIFE EXPCTANCY OF FAN 40,000 hours at 40°C
- ◎ COLLING : By forced air 2x40mm Fan
- ◎ DIMENSION : D200 X W100 X H40.5mm

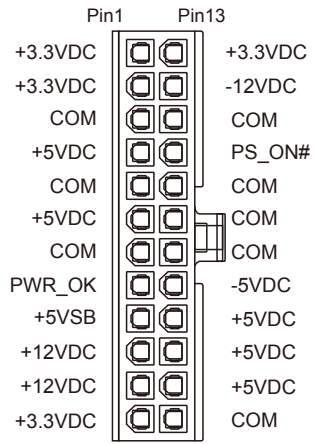
REVISIONS

| REV | DESCRIPTION | SIGN | DATE |
|-----|-------------|------|------|
| | | | |
| | | | |
| | | | |



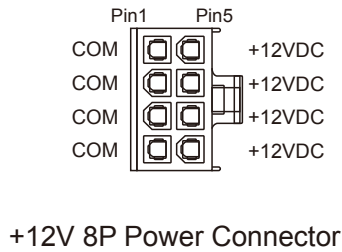
| TOLERANCES | | MATERIAL | | UNIT | | PART NO | |
|------------|-------|----------|-------|-------|---------|---------|-----------------|
| .X = +/- | 0.25 | REMARK | SCLAE | mm | 1:1 | MODEL | TC-1UXX |
| .XX = +/- | 0.100 | APPD | DRAWN | CKD | DWG NO. | NAME | I-STAR COMPUTER |
| | | | | SHEET | DF | DATE | |
| | | | | | | | |

PINOUPS OF CONNECTORS

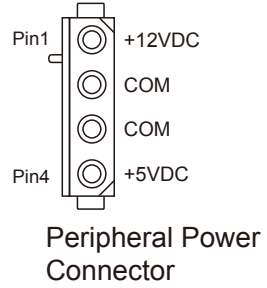


Main Power Connector

- | | | |
|----------------|-----------------|-------------|
| +12V = yellow | +5VSB = brown | -5V = white |
| +5V = red | PS_ON# = gray | -12V = blue |
| +3.3V = purple | PWR_OK = orange | COM = black |



+12V 8P Power Connector



Peripheral Power Connector



Floppy Drive Power Connector

