

# TC-400 R2U

## 2U Redundant Power Supply Series

### ■ Introduction

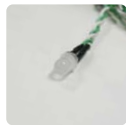
The new TC-400R2U redundant power supply comes with dual AC inputs, triple circuit protections, and aluminum module housing. Active PFC ensures high efficiency and energy saving benefit. TC-400R2U provides the reliability and performance for your server and mission critical application.

### ■ Features

- Over Power Protection
- Over Voltage Protection
- Short Circuits Protection
- Hot-Swappable PSU Zero down time
- Load Sharing design for smart stress and heat distribution  
Patent no. 136053
- 16ms Hold Up Time



4 Pin  
Connector



External  
Status LED



8 Pin  
Connector



24 Pin  
Connector



Peripheral  
Connector

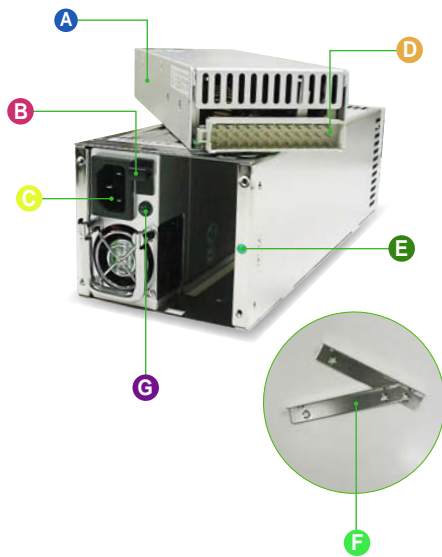


Floppy  
Connector

# TC-400R2U

## 2U Redundant Power Supply Series

- A** AC Input
- B** Single Release Latch
- C** Dual Independent AC
- D** German Industrial Connector
- E** Alarm Reset Switch
- F** Chassis Mounting Bracket
- G** Module Status LED



### Specification

|                 |                     |
|-----------------|---------------------|
| Model           | TC-400R2U           |
| Form Factor     | EPS 12V             |
| Input Voltage   | 100~240V Full Range |
| Input Frequency | 47Hz ~ 63Hz         |

### Output Rating

|                    |           |
|--------------------|-----------|
| Total Watts        | 400 watts |
| +5V                | 40A       |
| +12V               | 15A       |
| +3.3V              | 20A       |
| +5V & +3.3V        | 40A       |
| +5V & +3.3V & +12V | 378 watts |
| PFC                | Active    |
| Efficiency         | ≥66%      |
| Regulation         | ± 5%      |

### Cooling System

|              |        |
|--------------|--------|
| No. of fans  | 40mmx2 |
| Air Flow CFM | 18.9   |
| Noise dBA    | 45     |

- Operation Temperature: 0 C to 50C
- Humidity: 5 to 90°C non-condensing.
- Specification and wiring diagram subject to change without notice.
- 3 year standard warranty
- Last Update: July/2005

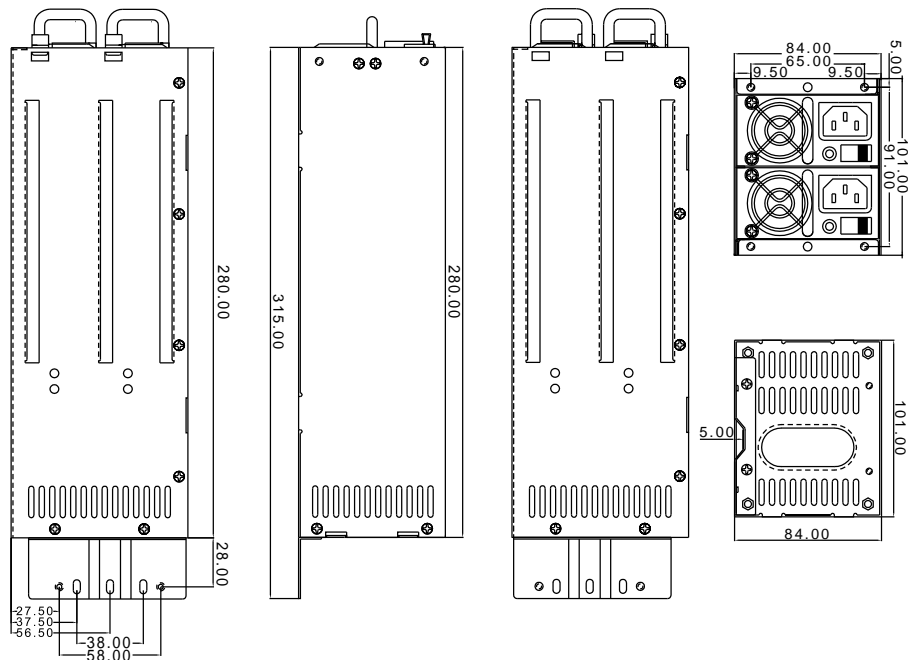
### Connectors

|                            |         |
|----------------------------|---------|
| Cable Length               | 19 in   |
| Main connector             | 24 Pins |
| 4 pin 12V                  | 1       |
| 8 pin connector            | 1       |
| 4 pin Peripheral connector | 7       |
| 4 pin Floppy connector     | 1       |

### Dimension

|                |  |
|----------------|--|
| DxWxH (mm)     | 280x101x84   |
| Net Weight     | 9.5 lb   |
| Safety/EMI/RFI | FCC-B, UL1950/6950<br>CB, TUV EN<br>60950 IEC950/1000<br>EN55022<br>CISPR22<br>EN61000 ISO9001 |
| MBTF           | 100,000 hours at full load and 25C ambient temperature   |

|                    |                   |       |        |
|--------------------|-------------------|-------|--------|
| Compatible Chassis | D Storm 2U Series | D-200 | D-200L |
|                    | D Storm 3U Series | D-300 | D-300L |
|                    | D-300L            |       |        |
|                    | D-300AL           |       |        |



## iStarUSA R2U Series

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