



incl. The Powerbox Group

Innovative Power Solutions since 1969

TUNS/TUXS Series

AC-DC Power module with active PFC

 Industrial

 Communications


 Infrastructure





5 year warranty



Easy Product Selector!
 Available for smart phone, tablet & desktop PC
 (Can be used in offline mode when no WiFi is available)

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AC-DC Power module with active PFC



Key features

- Industry standard brick sizes
- Low Profile: Only 12.7mm height (TUNS)
- Conduction cooling - ideal for fanless applications
- Low EMI noise with external components
- Up to 94 % efficiency
- 5 year warranty

| Model | TUNS50 | TUNS100 | TUNS300 | TUNS500 | TUNS700 |
|----------------|--|------------|---|-----------------------|-------------|
| Input Voltage | Certified AC85V - 264V | | | | |
| | DC120V - 370V (Safety approvals are invalid) | | | | |
| Output Power | 50W | 100W | 300W | 500W | 700W |
| Output Voltage | 5V/12V/24V | 5V/12V/24V | 12V/28V/48V | 12V/28V/48V | 12V/28V/48V |
| Industry Size | 1/4 brick | 1/2 brick | Full brick | Full brick | Full brick |
| Features | Adjustable output voltage range +/- 10% | | Adjustable output voltage range +/- 20% | | |
| | Remote sensing | | | | |
| Options | Over Current Protection, Over Voltage Protection, Thermal Protection | | | | |
| | Operating temperature range -40°C to +100°C (on aluminum base plate) | | | | |
| | | | | R1/R2 Remote on / off | |
| | | | Peak power Parallel operation | | |
| | Y1: Output Voltage adjustment range ±20% (Only 48V) | | | | |
| | T: Mounting hole (Ø 3.4mm) | | | | |

| Model | TUXS150F50 | TUXS200F24 | TUXS200F28 | TUXS200F32 | TUXS200F42 | TUXS200F50 |
|---------------------------------|---|---------------|--------------|---------------|---------------|------------|
| Input Voltage | Certified AC85V - 264V | | | | | |
| | DC120V - 370V (Safety approvals are invalid) | | | | | |
| Output Power | 150W | 200W | | | | |
| Output Wattage/Current | 50V 3A | 24V 8.3A | 28V 7A | 32V 6.2A | 42V 4.7A | 50V 4A |
| Dimensions | 76.2 x 28.5 x 50.8mm | | | | | |
| Output Voltage Adjustment Range | 45V - 55V | 21.6V - 26.4V | 5.2V - 30.8V | 28.8V - 35.2V | 37.8V - 46.2V | 45V - 55V |
| Features | Over Current Protection, Over Voltage Protection, Thermal Protection | | | | | |
| | Operating temperature range -40°C to +100°C (on aluminium base plate) | | | | | |
| Option | T: Mounting hole (Ø 3,4mm) | | | | | |
| | N: Auto restart in protection circuit | | | | | |

Combinations for endless possibilities

- Multifunctional high-power versions
- Plug & Play solutions available from 50W-700W
- Power module converts AC input to required DC output*

*External circuit required. Please refer to the instruction manual for full details or Cosel FAE's for design-in support