

Industrial Power Supplies

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TIS Series, 50 – 600 Watt

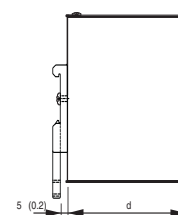
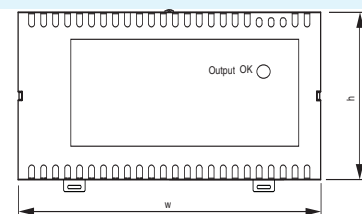
- = Low Profile Metal Case for DIN-Rail Mounting
- = Standard Models with 12, 24, 48 and 72 VDC
- = For System Applications expandable with built-in Function Modules
- = Adjustable Output
- = Overload Protection
- = Conducted Emission to EN 55011, Class B
- = Worldwide Safety Approvals



Input voltage range:	– 93–132 VAC / 187–264 VAC (user selectable) 50/60 Hz – TIS 50 models: 93–264 VAC (universal input) 50/60 Hz – TIS 500-124-230: 187–264 VAC 50 Hz – TIS 500-124-115: 93–132 VAC 60 Hz
Line regulation:	±0.2% max.
Load regulation:	±1.0% max.
Ripple & Noise:	<50 mVpk-pk (20 MHz BW)
EMI suppression:	EN 55011, class B, EN 55022, class B and FCC, level B
EMC immunity:	EN 61000-6-2
Output current limitation:	at 110% of I _{out} max. (constant current)
Overvoltage protection:	at 140% of V _{out} nom.
Efficiency:	90% typ.
Operating temperature:	–25°C ... +70°C above 50°C derating 2%/°C
Safety standard / approvals:	cUL/UL 60950, UL 508C listed, UL 1604 listed (except for models with options), IEC/EN 60950, CB-report plugable screw terminals (plugs included) (TIS 600 models: screw terminal blocks)
Connection:	plugable screw terminals (plugs included) (TIS 600 models: screw terminal blocks)
Case:	stainless steel, aluminium
Mounting:	snap-on mounting on 35 mm DIN-Rail or chassis mounting
Note:	Output current characteristics suitable for battery charging applications

Models			
Order code	Output power max.	Output voltage (adjustable range)	Output current max.
TIS 50-112	50 Watt	12 VDC (12–14 VDC)	3.5 A
TIS 50-124		24 VDC (24–28 VDC)	2 A
TIS 75-112		12 VDC (12–14 VDC)	6 A
TIS 75-124	75 Watt	24 VDC (24–28 VDC)	3 A
TIS 75-148		48 VDC (48–52 VDC)	1.5 A
TIS 150-124	150 Watt	24 VDC (24–28 VDC)	6 A
TIS 150-148		48 VDC (48–52 VDC)	3 A
TIS 300-124		24 VDC (24–28 VDC)	12 A
TIS 300-148	300 Watt	48 VDC (48–52 VDC)	6 A
TIS 300-172		72 VDC (60–76 VDC)	4.2 A
TIS 500-124-230	500 Watt	24 VDC (24–28 VDC)	20 A
TIS 500-124-115		24 VDC (24–28 VDC)	20 A
TIS 600-124		24 VDC (24–28 VDC)	24 A
TIS 600-148	600 Watt	48 VDC (48–52 VDC)	12 A
TIS 600-172		72 VDC (60–76 VDC)	8.5 A

Dimensions			
Type	Width w	Height h	Depth d
TIS 50	75 (2.95)	100 (3.94)	56.7 (2.23)
TIS 75	90 (3.54)	114.6 (4.51)	56.7 (2.23)
TIS 150	157 (6.18)	114.6 (4.51)	56.7 (2.23)
TIS 300	207 (8.15)	114.6 (4.51)	83.0 (3.27)
TIS 500	220 (8.66)	130 (8.66)	83.0 (3.27)
TIS 600	243 (9.57)	177.2 (6.98)	83.0 (3.27)



() = Inches