

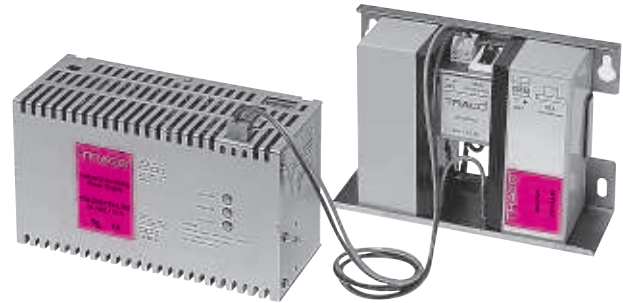
Industrial Power Supplies

**POWER
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TIS Series with Function Modules

- = Additional Functions for System Applications in Process Automation, Machine Tools, etc.
- = Basic Model Power Supplies can be extended with one of the following integrated Function Modules:
 - RED:** for True N+1 Redundancy Operation
 - SIG:** AC-Power Fail, DC-OK Signal plus Remote On/Off
 - UDS:** DC-UPS with automatic Battery Management



Models				
Description	*Order code	Output power	Output voltage	Output current
		max.	nominal	max.
Models with RED Module	TIS 150-124 RED	150 Watt	24 VDC	6 A
	TIS 150-148 RED	150 Watt	48 VDC	3 A
	TIS 300-124 RED	300 Watt	24 VDC	12 A
	TIS 300-148 RED	300 Watt	48 VDC	6 A
	TIS 600-124 RED	600 Watt	24 VDC	24 A
Models with SIG Module	TIS 600-148 RED	600 Watt	48 VDC	12 A
	TIS 150-124 SIG	150 Watt	24 VDC	6 A
	TIS 150-148 SIG	150 Watt	48 VDC	3 A
	TIS 300-124 SIG	300 Watt	24 VDC	12 A
	TIS 300-148 SIG	300 Watt	48 VDC	6 A
Models with UDS Module	TIS 600-124 SIG	600 Watt	24 VDC	24 A
	TIS 600-148 SIG	600 Watt	48 VDC	12 A
	TIS 300-124 UDS	300 Watt	24 VDC	12 A
Battery Pack	TIS 600-124 UDS	600 Watt	24 VDC	24 A
	TIS 24-32 AP		24 VDC	3.2 Ah
	TIS 24-70 AP		24 VDC	7 Ah

* includes power supply, relative function module and terminal plugs

RED Module

With this module it is possible to parallel up to 5 power supplies with active current sharing for true N+1 operation. De-coupling diodes (OR-ring diodes) and also alarm output to signal a unit failure are included in this option.

SIG Module

This module provides 3 functions: AC-Power fail signal and DC-OK signal, both with isolated relay contacts. In addition a remote On/Off input is available to control the power supply.

UDS Module

With this module, a professional battery management system to charge and monitor an external battery is added to the basic power supply. In case of a power failure the battery is switched automatically and without any interruption to the DC-output. Power fail and low battery alarm signals are available. During normal operation battery status is checked periodically and the external battery is fully protected under any operation condition.

Battery Pack

The battery pack contains high quality, maintenance free lead-acid batteries with 3.2 Ah resp. 7.0 Ah capacity fixed together with a resettable fuse in a mounting frame. Together with models TIS 300-124 UDS or TIS 600-124 UDS the battery pack provides a complete and reliable DC-UPS system. Backup time depends on load current and battery capacity.

For further information and specifications please refer to Industrial Power Supplies TIS Series 50–600 Watt. Dimensions same as basic models.