

DC power supply DC ST802

DC ST802, 48 VDC, modular, bis 6 x 850 W

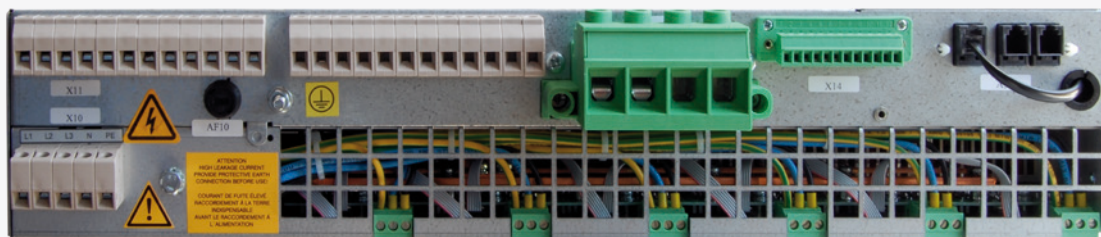
The ST802 DC power supply system is designed for various applications such as DC UPS or TPS applications. It offers high reliability at an extremely compact space, including processor controlled battery charging, programmable relay contacts and configurable DC outputs. This compact slide contains controllers, deep discharge protection (LVD), priority load shedding (PLD) current sensors, battery fuses and up to 12 separately fused DC outputs. These features together with the very short depth are the key factors for the success of this power system, offering cost-effective and reliable solutions.



■ Details



Front view DC ST802



Rear view DC ST802

■ Characteristics

- 19" / 2U shelf power system up to 5100 W
- Easy connection by screw terminals
- High efficiency up to 95,2%
- High power density
- Very short depth (for 300mm ETSI housing)
- Rectifier parallel-redundancy
- Rectifier GR 850 with temperature-controlled ventilation
- Integrated temperature sensor for temperature compensation
- Easy setup and programming via web browser
- The supply to the load through the rectifier is guaranteed even in case of failure of the controller
- 24 months' warranty

■ Specifications

DC ST802		
General	Efficiency	≥ 95,2 %
	EMC	EN 55022, class B
	Safety	EN 300 386
	Cooling	Fan cooled, temperature controlled
	Protection	IP 20
Input	AC connection	3 x L/N/PE
	Nominal voltage	230 VAC
	Voltage range	80 ... 300 Vrms
	Voltage range, reduced power	80 ... 184 Vrms
	Frequency range	45-66 Hz
	Current nominal	4 A per rectifier
	Recommended protection	10A per rectifier
Output	Nominal voltage	-53,5 VDC
	Voltage range	-42 ... -58 VDC
	Output current @ U _{nom}	95,3 ADC
	Power limitation	6 x 850 W
	Rated power	5100 W
DC Output	Circuit breaker: Hydraulic-magnetic	Max. 12 pcs. / 2 ... 30 A
	Standard configuration	2 x 6 A, 9 x 16 A, 1 x 25 A
Battery connector	Fuses	2 x 100 A
Mechanics	Construction	Steel rack
	Cabinet standard	19 IN
	Width	430 mm
	Depth, overall	320 mm
	Height, overall	88,2 mm (2U)
	Weight, system	7kg (excluding rectifier)
	Weight, rectifier	Each 0,6 kg
Environment	Operation temperature	-35 ... +60 °C (power reduction from 45°C)
	Relative humidity	95 % max., non condensing
Control / monitoring	Controller	ORION