

Microprocessor-controlled backup power supply device according to DIN EN 54-4 (Fire alarm systems part 4: Power supply devices) for realization of the backup power source for sound systems for emergency purposes (e.g. voice alarm systems).

For operating power amplifiers with 24V DC mains-replacement inputs. Additionally, two 24V DC outputs are available for system preamplifier components.

The CHARGER 6 has front-side, standard-compliant display for mains operation, battery operation, charging process and fault status.

Front USB port for device configurations.



Rear connections/terminals for up to four batteries, as well as terminals for temperature sensor (included), midpoint voltage, and signal outputs for system fault forwarding.

All primary and secondary input voltages are permanently monitored.

Network connection (Ethernet) for additional external monitoring of system states (optional). Even non-system components can be connected without any problems due to the open architecture.

Technical Data:

Model	CHARGER 6
Power factor	0.94 (active only when request is pending)
Efficiency	84% (during charging)
Output voltage stabilization	0,5%
Leakage current in the circuit breaker	< 1.5 mA
Power consumption from the mains	2.7 A max.
Rated voltage	of ext. battery 24V; in buffer mode 27.1V; in fast charge 28.3V
Capacity of connected batteries	430Ah / 24V
Charging current	16A
Number of battery strings	2
Load capacity / output power	6 x 30A DC / 1 x 6A DC
Operating temperature	Class 3K5 according to PN-EN; 60721-3-3: -5°C to +45°C
Operating voltage	230VAC (+10%-15%); 50 Hz
Dimensions	W485 x H44 x D320mm (19"; 1 U)
Weight	5,1 kg

Rev. 1.1 (220829TK)