



CATV POWER SUPPLY TV-LINE 60/600-2



APPLICATION

Uninterrupted power supply of CATV network devices with 60 VAC voltage nominal value protecting connected to it devices from network voltage loss. It can also power other devices of nominal voltage of 60 VAC (excluding medical devices).

FEATURES

- » pure sine wave
- » front cable connections
- » output circuits and battery protection
- » resistance to output short-circuits
- » any method of installation possible
- » forced ventilation system
- » monitoring of the system parameters
- » alarm signalling
- » log-in history

COMMUNICATION

TV-LINE 60/600-2 is equipped with a module that allows remote monitoring of operation parameters and visualisation of measured data using CSM - Central Monitoring System and built-in web server.

CONSTRUCTION

TV-LINE 60/600 power supply is designed to supply uninterruptibly power to 60 V and 230 VAC cable television devices. It can also be used to supply other devices with maximum total power consumption equal to the nominal UPS power. The TV-LINE is adapted for operations with maintenance-free batteries with nominal voltage of 24 V (18-100 Ah).

DESCRIPTION

- » high efficiency design based on **VI** technology
- » CDS system generates pure sine wave output voltage when operating in the battery mode
- » built-in bypass switch and voltage filtering system
- » external 230 VAC guaranteed voltage plug socket
- » built-in automatic battery test function
- » indicates errors in case of incorrect battery operation parameters
- » battery presence detection and asymmetry measurement function
- » automatic charge control (the charge current can be regulated)
- » built-in charge voltage temperature compensaton system
- » battery power balancing system prolongs battery life
- » can be launched in the battery mode (without being connected to the electrical mains)
- » equipped with both microprocessor control system and operating parameters signalling system
- » built-in digital alarm inputs
- » remote monitoring by built-in web server or external monitoring system (CSM)
- » built-in LCD panel

230 VAC power supply	230 VAC (195-253 V)
Input voltage frequency	50 Hz +/-5%
Max power consumption	4 A
Noise level	<33 dB
Output power	600 W (230 VAC-50 W; 60 VAC-550 W)
Maximum power consumption	850 W
Ambient temperature	-10 to +50°C
Humidity	<90% without condensation
Cabinet type	freestanding
Efficiency	line power 93% on battery 85%
Dimensions (L x H x D)	280 x 180 x 225 mm
Transfer time	<5 ms
Nominal output voltage	60 VAC
Battery charging current value	max 9 A
Total harmonic distortion	<5% THD
Output sine wave	pure sine wave
Nominal output current	10 A (60 VAC)
Battery type (recommended capacity)	2 x (18-100 Ah) - 24 V
Weight	14 kg
Overload	100% 60 s
Short-circuit protection	I _{odb} > 20A
EMC standard	EN62040-2
Safety norm	EN 62040-1

The device is designed and made in Poland by a Polish company and its construction meets CE conformity marking and RoHS directive requirements.