



INF TVLINE 60/600 CATV UPS

APPLICATION

The **INF TV LINE 60/600** power supply is designed to supply uninterruptible **60VAC** power to **CATV** network equipment and protect any equipment that is connected to it against mains failures. It can also supply other equipment for nominal voltage of **60V AC (with the exception of medical equipment)**.



WEB NETWORK SOLUTIONS

Possible remote monitoring of the system by using the CSM (Central Monitoring System) software – visualization by means of any browser on web pages.



CHARACTERISTICS

- ✓ All connectors available from the system front
- ✓ Protection of output circuits and battery
- ✓ Resistance to output short-circuits
- ✓ Any system installation method
- ✓ Forced ventilation of the system
- ✓ Monitoring of the system parameters
- ✓ Alarm signalling
- ✓ Event history log

PRODUCER

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SYSTEM CONSTRUCTION:

The TVLINE 60/600 power supply is designed to supply uninterruptible **60V** and **230V** AC power to cable television equipment. It can also be used to supply other devices with maximum total power consumption equal to the nominal UPS power. The UPS is adapted for operation with maintenance-free batteries with nominal voltage of **24V (18 – 100 Ah)**.

- ✓ Sinusoidal output voltage, generated in battery operation mode - (CDS) system
- ✓ Mains voltage filtering
- ✓ Resistance to instantaneous short-circuits in 60 VAC output circuit (60 VAC load sampling every 15 sec. - 4 samples, next samples every 5 min.)
- ✓ Periodic battery test function every 1 month or remote test via monitoring and locally activated with the built-in button.
- ✓ Battery availability detection function (analysis time is approx. 2 min.)
- ✓ Battery asymmetry measurement function (+/-1,2V)
- ✓ Intelligent battery charging circuit that extends its life
- ✓ Microprocessor monitoring of parameters
- ✓ Monitoring and signalling of operation states (LED)
- ✓ Remote monitoring by using local Web server or CSM system - Ethernet

TECHNICAL PARAMETERS

Mains supply (permissible changes)	230 VAC (195-253V)
Input voltage frequency	50Hz +/-5%
Output power	600 W
Noise level	<33dB
Maximum power consumption	850W
Maximum current consumption	4A
Operating temperature (ambient)	-20 to +50 °C
Humidity	<90% without condensation
Housing/installation type	Free standing
Housing dimensions (H x W x D) [mm]	180x290x240
Maximum weight	16.5 kg
Switching time to battery operation	<5ms
Nominal output voltage	60V
Distortion	<5%THD
Output voltage waveform	True sine wave
Battery operation frequency	50Hz (1%)
Efficiency	Mains operation: 95% Battery operation: 85% at P>80%
Nominal output current	10A (60 VAC)
Battery type	VRLA 2x18Ah to 100Ah (24V)
Overload capacity	110% 15s
Short-circuit protection	I _{load} >20A