



INF TVLINE 60/1000 CATV UPS

APPLICATION

The INF TV LINE 60/1000 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 48V.

SYSTEM CONSTRUCTION:

In its standard version, the INF TVLINE bus uninterruptible power supply is made as a subrack intended for installation in 19-inch cabinets or as a free standing construction. It consists of the following components:

- ✓ Inverter with overcurrent protections and rectifier, controller of the system parameters,
- ✓ Alarm signalling and remote supervision of the system with multifunction LCD display,
- ✓ Distribution part with overcurrent protection and battery circuit
- ✓ Double plug socket for guaranteed voltage of 230VAC for any purpose
- ✓ RJ 45 communication port
- ✓ 12-pin socket for alarm output



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.



SYSTEM CONSTRUCTION

- ✓ 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

TECHNICAL PARAMETERS

Input voltage	230 VAC (195-253V)
Input voltage frequency	50Hz +/-5%
Maximum current consumption	7A
Nominal output voltage:	
Double plug socket	230 VAC
Bus terminal	60 VAC
Stabilisation range:	
Mains operation	60 VAC (54-65V)
Battery operation	60 VAC (58-62V)
Output voltage frequency	50Hz +/-5%
Output current	16.5 A
Nominal output power	1000W / 1200VA
Switching time	< 4 ms
Efficiency	85%
Output voltage waveform	True sine wave
Short-circuit protection at $I_{nom} \leq 125A / I_{nom} > 125A$	Electronic overcurrent protection
Nominal battery voltage	48 VDC
Battery capacity (recommended)	18-80 Ah
Battery back-up time	0.3 – 3 h
Protection degree	IP 20
Ambient temperature	10 – 50°C
Relative humidity	< 90%
Weight	33 kg
Dimensions [H x W x D]	176 x 435 x 286 mm

PRODUCER

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