



UPS-LT 600

UNINTERRUPTIBLE POWER SUPPLY



APPLICATION

UPS-LT 600 is designed for long power support work - up to 6 hrs.

It provides uninterrupted power supply of nominal voltage of 230 VAC protecting connected to it units from network voltage loss

FEATURES

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

COMMUNICATION

UPS-LT 600 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

The UPS-LT 600 is designed for up to 6 hrs long power support work. It is a modern series of digital systems with increased safety factor that is equipped with the Clear Digital Sinus (CDS) system that generates output voltage with a pure sine wave during battery operation.

DESCRIPTION

- » high efficiency design based on **VFD (Variable-Frequency Drive)** technology
- » CDS system generates pure sine wave output voltage when operating in the battery mode
- » built-in bypass switch and voltage filtering
- » 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 compensation system
- » 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 input
- » remote monitoring by built-in web server or external monitoring system (CSM)

Power supply	230 VAC (195-253 V)
Input voltage frequency	50 Hz +/-5%
Output power	600 W 600 VA
Nominal output voltage	230 VAC (195-253)
Output sine wave	pure sine wave
Transfer time	< 5 ms
Efficiency	line power 97% on battery 85%
Battery charge current	max 9 A
International Protection Rating	IP20
Ambient temperature	-10 to +50°C
Relative humidity	<90% without condensation
Cabinet type	metal cabinet
Dimensions (L x H x D)	280 x 180 x 225 mm
Maximum weight	14 kg
Accumulator type	24 VDC 2 x (18-150 Ah)
Cooling	fan - regulated number of turns
Back up time P=80%	max 6 h
Noise level	< 33 dB
Safety standard	PN-EN 62040-1
EMC standards	PN-EN 62040-2
Cables provided	power 1,8 m battery 1,2 m

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