



UPS for CATV

- CUSTOMIZED SOLUTIONS BY USER REQUEST
- LINE-INTERACTIVE TECHNOLOGY, OPTIONAL PURE SINE WAVE OUTPUT
- OUTPUT VOLTAGE CUSTOM FOR CABLE TV INDUSTRY NEEDS
- STABILIZATION, FILTRATION, RELIABLE ENERGY SUPPLY
- HIGH DEGREE OF PROTECTION (SHORT CIRCUIT, OVERLOADS, REVERSE POLARITY, OVERCHARGING AND OVERDISCHARGE OF BATTERY)
- LARGE VARIATIONS OF INPUT VOLTAGE
- EXTREMELY SHORT TRANSITION TIME, ALLOWING RELIABLE OPERATION AND LONG TERM LIFETIME OF CONSUMER
- GALVANIC SEPARATION OF INPUT AND OUTPUT
- NO BATTERY CONSUMPTION WHEN DEVICE IS TURNED OFF
- NO INTERNAL BATTERY – MOBILE DEVICE, CHOICE OF BATTERY ACCORDING TO USER NEEDS
- OUTDOOR CABINET SOLUTIONS WITH INTEGRATED BATTERY AND DISTRIBUTION

Alphanumeric display with back side lighting provides information about important parameter and state of alarms. Through the menu flow user can easily get desired information about:

- status and values of input and output voltage, input / output frequencies
- consumption, number, time and duration of main power voltage failure (log file)
- battery voltage.



Serial port for computer communication and display of system parameters via Windows application.

- > Communication card designed for connection over LAN network and SNMP protocols.
- > Available remote monitoring of basic parameters and state of alarms.
- > Monitoring through user's web service or via EnelPS web services.



SALES

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MODELS AND CHARACTERISTICS

MODEL	ENUPS 1600 XL	ENUPS 1600 XM	ENUPS 1000 XS
Rated power:	1600VA	1350VA	750VA
Power factor:	0,88 – 0,92	0,88 – 0,92	0,88 – 0,92
INPUT DATA			
Rated voltage:	170 – 265 VAC	170 – 265 VAC	170 – 265 VAC
Rated frequency:	50Hz ± 10%	50Hz ± 10%	50Hz ± 10%
Max. input current:	6A	6A	3A
Efficiency:	88 – 92 %	88 – 92 %	88 – 92 %
OUTPUT DATA			
Rated voltage:	48 / 63 / 87 VAC; 230 VAC	48 / 63 / 87 VAC; 230 VAC	48 / 63 / 87 VAC; 230 VAC
Output voltage form:	Pure Sine Wave	Modified Sine Wave	Modified Sine Wave
Output voltage variation:	± 6%	± 6%	± 6%
Slew rate:	< 22 V/ms	< 70 V/ms	< 70 V/ms
Frequency:	50 Hz	50 Hz	50 Hz
Frequency stability:	± 0,1 Hz	± 0,1 Hz	± 0,1 Hz
Rated current:	15A	15A	7,5 A
Overload:	110% permanent Over 110% 5s	110% permanent 120% 5min 150% 2s	110% permanent 120% 5min 150% 2s
Transfer characteristics:	Output signal without interruption	Output signal without interruption	Output signal without interruption
BATTERY CHARGER			
Rated battery voltage:	36 VDC	36 / 24 / 12 VDC	24 / 12 VDC
Charge current:	5 / 10 A	5 / 10 A	5 / 10 A
Charge voltage:	2,26 V/cell	2,26 V/cell	2,26 V/cell
Low voltage disconnect	32 VDC	32 / 21,3 / 10,65 VDC	32 / 21,3 / 10,65 VDC
PROTECTIONS			
Short circuit protection:	YES	YES	YES
Output overload protection:	YES	YES	YES
Input over current protection:	YES	YES	YES
Input high voltage protection:	YES	YES	YES
Input low voltage protection:	YES	YES	YES
Reverse polarity battery protection:	YES	YES	YES
Battery overcharging protection:	YES	YES	YES
Batteries over discharge protection:	YES	YES	YES
COMMUNICATION			
Communication card:	Option Connecting over LAN network and SNMP protocol		
MECHANICAL CHARACTERISTICS			
Display:	Alphanumeric 4 x 20 Back side lighting	Alphanumeric 2 x 16 Optional: 4 x 20 Back side lighting	Alphanumeric 2 x 16 Optional: 4 x 20 Back side lighting
Dimensions (H x L x W):	190 x 490 x 290	220 x 350 x 270	220 x 350 x 270
Weight:	23 kg	18 kg	15 kg
PRODUCTION STANDARDS			
Certificates:	ISO 9001:2001 CE RoHS		