

INFORISE

MOONLIGHT-Pro SERIES 1phase/1phase On-line UPS

General Features

Power Range: **2-15 kVA**

INFORISE MOONLIGHT-Pro Series supply and protect networks, communication systems, scientific computer systems, intelligent engineering measuring devices and industrial automation systems.

Advantages & Specifications

- CPU Controlled Double-Conversion and PWM technology
- Galvanic Isolation Transformer included
- Up to 90% efficiency
- Static by-pass providing Uninterrupted transfer of the load to the mains in case of Overload or UPS fault.
- LCD panel providing accurate detailed information about the Load, Batteries and UPS with advanced diagnostics.
- Warranty of 10 years for spare parts supply
- Experienced technical service and customer support
- Designed and manufactured under ISO9001 certification
- RS232 and dry contacts for communication and remote monitoring
- 64 recorded events history
- Input/output customization available
- Compatible with international standards
- Pure sinewave output
- 1 year full warranty

Options & Accessories

- Input power factor corrected to ≥ 0.98
- Wide Area Network management via SNMP
- Remote monitoring panel RM-2000
- Multiserver shutdown units US-4, US-8
- RS485 interface RSC-24
- Additional battery modules for extension of autonomy
- UPS Management and System shutdown software compatible with popular operating systems (WIN 95/98/2000/NT/XP, Novell, Unix,..... etc.)



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MOONLIGHT-Pro SERIES Uninterruptible Power Supply

Technical Specifications

MODEL	MLP-102	MLP-103	MLP-105	MLP-106	MLP-107	MLP-110	MLP-115
Power	2 kVA	3 kVA	5 kVA	6 kVA	7,5 kVA	10 kVA	15 kVA

INPUT							
Voltage	230 VAC +/- 15%						
By-Pass Voltage	230 VAC +/- 10%						
Current	13 A	20 A	30 A	35 A	45 A	60 A	85 A
Frequency	50 Hz. +/- 5%						
EMI	EN 50091-2 class A						

OUTPUT							
Power	2 kVA 1,4 kW	3 kVA 2,1 kW	5 kVA 3,5 kW	6 kVA 4,2 kW	7,5 kVA 5,25 kW	10 kVA 7 kW	15 kVA 10,5 kW
Power Factor	0,7						
Voltage	230 VAC						
Voltage Tolerance	+/- 1%						
Frequency	50 Hz.						
Frequency Tolerance	line synchronized +/- 1% - free running +/- 0,2%						
Efficiency at 100% load (ac/ac)	>85-87%	>85-87%	>85-87%	>86-90%	>86-90%	>86-90%	>86-90%
THD	<3%						
Crest Factor	3:1						
Overload Protection	at 100% - 125% load 10 min.						
	at 125% - 150% load 1 min.						
	at >150% load by-pass						
Short Circuit Protection	Electronic Short Circuit Protection						
Communication	Dry Contact + RS 232						
Software	T-MON / SNMP optional						

BATTERIES							
Number	14	14	16	20	20	20	20
Float Charging Voltage	189 V	189 V	216 V	270 V	270 V	270 V	270 V
End of Discharge Voltage	140 V	140 V	180 V	200 V	200 V	200 V	200 V
Battery Cabinet	internal						
Battery Ambient Temperature °C	25° C						
Battery Protection	Automatic Circuit Breaker						
Battery Test	Optional						

GENERAL							
Maximum Temperature	0° C - 40° C						
Acoustic Noise	< 45 dBA	< 45 dBA	< 50 dBA	< 50 dBA	< 50 dBA	< 50 dBA	< 55 dBA
Protection Degree	IP 20						
Altitude	< 1000 m						
Humidity (non condensed)	90 % max.						
Weight without batteries kg	50	55	60	74	77	91	112
Dimensions (HxWxD) mm.	550x265x560	540x265x560	585x265x600	710x265x740			

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