

INFORISE

MAGICLIGHT SERIES 3phase/3phase On-line UPS

General Features

Power Range: **10-15-20-30 kVA**

INFORISE MAGICLIGHT 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 92% efficiency
- Parallel mode operation (Optional) (hot standby, redundant or symetric parallel)
- Experienced technical service and customer support
- Designed and manufactured under ISO9001 certification
- Advanced front panel (LCD and 5 buttons) allows monitoring detailed information and setting user selectable parameters
- Input/Output voltage, frequency, load %, battery voltage, charging current, interior temperature and variable alarms can be monitored from LCD panel
- Dial up modem direct connection and AT command set built-in RS232 and dry contacts for communication and remote monitoring
- Advanced Automatic and Manual battery test system
- Simulation mode for testing dry contact outputs
- Pure sinewave output
- Emergency stop utility built-in
- Alarm history (memory for max. 64 alarms)
- Static (STS) and Maintenance by-pass
- Calendar and time indicator
- Compatible with international standards
- Non-linear load driving capability
- 1 year full warranty
- Warranty of 10 years for spare parts supply

Options & Accessories

- 12 Pulse rectifier module
- 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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MAGICLIGHT SERIES Uninterruptible Power Supply

Technical Specifications

MODEL	ML-310	ML-315	ML-320	ML-330
Power	10 kVA	15 kVA	20 kVA	30 kVA
INPUT				
Voltage	220 / 380 VAC 3 phase +N +/-15%			
By-Pass Voltage	220 /380 VAC +/- 3 phase 10%			
Current	3 x 20 A	3 x 30 A	3 x 40 A	3 x 60 A
Frequency	50 Hz. +/-5%			
EMI	EN 50091-2 class A			
OUTPUT				
Power	10kVA 8 kW	15 kVA 12 kW	20 kVA 16kW	30 kVA 24kW
Power Factor	0,8			
Voltage	220 / 380 VAC 3 phase +N			
Voltage Tolerance	+/- 1%			
Frequency	50 Hz.			
Frequency Tolerance	line synchronized +/- 1% – free running +/- 0,2%			
Efficiency at 100% load (ac/ac)	>90%	>90%	>90%	>92%
THD	<3%			
Crest Factor	0.125694444			
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 module (opt.)			
BATTERIES				
Number	30	30	30	30
Float Charging Voltage	405 VDC	405 VDC	405 VDC	405 VDC
Battery Cabinet	External			
Battery Ambient Temperature °C	25° C			
Battery Protection	Automatic Circuit Breaker			
Battery Test	Automatic Every 72 hours			
GENERAL				
Maximum Temperature	0° C - 40° C			
Acoustic Noise	< 56 dBA	< 56 dBA	< 56 dBA	< 56 dBA
Protection Degree	IP 20			
Altitude	< 1000 m			
Humidity (non condensed)	90 % max.	90 % max.	90 % max.	90 % max.
Weight without batteries kg	235	250	266	322
Dimensions (HxWxD) mm.	1145x485x675	1145x485x675	1145x485x675	1145x485x675

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ELEKTRONİK SANAYİ VE TİCARET LTD. ŞTİ.