

INFORISE

MAGICLIGHT-EX SERIES 3phase/3phase On-line UPS

General Features

Power Range: **40-200 kVA**

INFORISE MAGICLIGHT-EX 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)
- Pure sinewave output
- Emergency stop utility built-in
- 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
- Simulation mode for testing dry contact outputs
- Dial up modem direct connection and AT command set built-in RS232 and dry contacts for communication and remote monitoring
- Alarm history (memory for max. 64 alarms)
- Advanced Automatic and Manual battery test system
- Compatible with international standards
- Static (STS) and Maintenance by-pass
- Calendar and time indicator
- Non-linear load driving capability
- 1 year full warranty
- Warranty of 10 years for spare parts supply
- Experienced technical service and customer support
- Designed and manufactured under ISO9001 certification

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-EX SERIES Uninterruptible Power Supply

Technical Specifications

MODEL	ML-EX-340	ML-EX-360	ML-EX-380	ML-EX-3100	ML-EX-3120	ML-EX-3150	ML-EX-3200
INPUT							
Voltage	220/380 VAC 3 phase , N						
Tolerans	+/-15%						
By-Pass Voltage	220/380 VAC 3phase +/-10%						
Input Frequency	50 Hz. +/- 5%						
Maximum. RFI	EN 50091-2 class A						
OUTPUT							
Power	40 kVA 32kW	60 kVA 48 kW	80 kVA 64 kW	100 kVA 80 kW	120 kVA 96 kW	150 kVA 120 kW	200 kVA 160 kW
Power Factor	0,8						
Voltage	220/380 VAC 3 phase , N						
Voltage Tolerance	Static (balanced load) +/- 1% – Static (balanced load) +/- 2% – Dynamic (step load 0-100%) +/- 5%						
Voltage recovery time (after step loading)	max. 20 ms.						
Frequency	50 Hz.						
Frequency Tolerance	Line Sync +/- 1% – Battery +/- 0,2%						
Efficiency at 100% load (ac/ac)	>92%						
Crest Factor	3:1						
Overload	at 100% - 125% load 10 min.						
	at 125% - 150% load 1 min.						
	at >150% load by-pass						
Short Circuit Protection	Electronic Short Circuit Protection						
THD	<3% (THD) non Lineer load (75% NP an CF 3:1) < 5%						
BATTERIES							
Type	Maintenance Free						
Number	30						
Float Charging Voltage	405 VDC						
End of Discharge Voltage	300 VDC						
Battery Charging Characteristics	IU(DIN 41773)						
Battery Ambient Temperature °C	25° C						
Battery Protection	Automatic Circuit Breaker						
Battery Test	Automatic every 72 hours						
GENERAL							
Communication	dry contacts & RS 232						
Software	T-MON/SNMP module (opt.)						
Temperature Range	0° C - 40° C						
Ventilation	Forced air cooling						
Humidity (non condensed)	< 90 %						
Altitude	< 1000 m above sea level						
Acoustic Noise	< 56 dBA			< 65 dBA			
Weight without batteries kg	484	562	620	770	810	910	1100
Dimensions (HxWxD) mm.	1400x710x800			1600x1100x800			

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ELEKTRONİK SANAYİ VE TİCARET LTD. ŞTİ.