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F16

Line Interactive UPS

1000VA / 1500VA / 2000VA / 3000VA



The ION F16 Rack/Tower UPS provides line-interactive backup, high power factor power and scalable runtimes for servers, storage systems, VoIP gear and network equipment. With an intuitive LCD display, outlet groups, and high efficiency, the F16 is the affordable way for businesses to flexibly integrate reliable power backup and protect vital IT and Telecom equipment.



F16 FEATURES

- 3 year advanced replacement warranty*
- Rotate-able LCD display
- Optional additional battery modules extending run time
- 0.9 power factor
- Pure Sine Wave output
- Easy battery replacement
- Power management software
- Optional SNMP and relay card
- Optional Wi-Fi communication module*
- Self-monitoring and fault diagnosis
- Grouped programmable outlets
- Flexible rack/tower footprint

F16

Line Interactive UPS

Specifications

	F16-1000	F16-1500	F16-2000	F16-3000
Output				
Output Power Capacity	900Watts / 1000VA	1350Watts / 1500VA	1800Watts / 2000VA	2700Watts / 3000VA
Max Configurable Power	900Watts / 1000VA	1350Watts / 1500VA	1800Watts / 2000VA	2700Watts / 3000VA
Nominal Output Voltage	Variable 220 - 240VAC			
Voltage Regulation	Less than 5%			
Frequency	50Hz ± 5Hz			
Frequency (BAT Mode)	50Hz ± 0.1Hz			
Topology	Line Interactive			
Waveform Type	Pure Sine Wave			
Output Connections	IEC C13 (8)	IEC C13 (8)	IEC C13 (8)	IEC C13 (8) IEC C19 (1)
Transfer Time	2-4ms typical			
Input				
Nominal Input Voltage	Variable 161 - 276VAC			
Input Frequency Range	50Hz ± 5Hz			
Input Connections	IEC-320 C14	IEC-320 C14	IEC-320 C14	IEC-320 C20
Overload Capacity				
Line Mode	≥ 110% ± 10%, Fault after 3 Minutes; ≥ 150% ± 10%, Fault after 200ms			
Battery Mode	≥ 110% ± 10%, Fault after 30 Seconds; ≥ 120% ± 10%, Fault after 100ms			
Efficiency				
Line Mode	> 96% at Full Load and Battery Fully Charged			
Battery Mode	> 86% at Full Load			
UPS Batteries				
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof			
Typical Recharge Time	3-6 hour(s)			
Expected Battery Life	3-5 years			
Extendable Run Time	Yes			
Communications & Management				
Interface Port(s)	RS232 / USB / EPO			
Communications Card Slot	Optional SNMP / AS400 Card			
Control Panel	Load / Battery / Input / Output / Operating Mode Information			
Audible Alarm	Yes			
UPS Dimensions				
RU	F16-1000 2	F16-1500 2	F16-2000 2	F16-3000 2
Maximum Height	86mm	86mm	86mm	86mm
Maximum Width	440mm	440mm	440mm	440mm
Maximum Depth	435mm	435mm	605mm	605mm
Net Weight	20kg	20kg	34kg	34kg
Colour	Black			
EBM Dimensions				
RU	FEBM-360 2		FEBM-720 2	
Maximum Height	86mm	86mm	86mm	86mm
Maximum Width	440mm	440mm	440mm	440mm
Maximum Depth	435mm	435mm	605mm	605mm
Net Weight	21kg	21kg	34kg	34kg
Colour	Black			
Environmental				
Operating Environment	0 - 40 °C			
Operating Relative Humidity	0 - 95%			
Operating Elevation	0-3000 meters			
Storage Temperature	-15 - 45 °C			
Storage Relative Humidity	0 - 95%			
Storage Elevation	0-15000 meters			
Audible Noise at 1 meter from surface of unit	40.0dBA	40.0dBA	40.0dBA	45.0dBA
Conformance				
Approvals	CE			
Standard Warranty	3 Year Advanced Replacement*			

*Product specifications are subject to change without further notice.

*3 Year advanced replacement warranty on UPS electronics and batteries please refer to the ION website for more information.