



info@ionups.com.au  
www.ionups.com.au  
P: 1300 700 805

# 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 supply 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
<b>Output</b>				
Output power capacity	900Watts / 1000VA	1350Watts / 1500VA	1800Watts / 2000VA	2700Watts / 3000VA
Max Configurable Power (Watts)	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			
<b>Input</b>				
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
<b>Overload Capacity</b>				
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			
<b>Efficiency</b>				
Line Mode	> 96% at Full Load and Battery Fully Charged			
Battery Mode	> 86% at Full Load			
<b>UPS Batteries</b>				
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof			
Typical recharge time	3-6 hour(s)			
Expected Battery Life (years)	3- 5 years			
Extendable Run Time	Yes			
<b>Communications &amp; Management</b>				
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			
<b>UPS Physical</b>				
	FEBM-360		FEBM-720	
RU	2	2	2	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			
<b>EBM Physical</b>				
RU	2	2	2	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			
<b>Environmental</b>				
Operating Environment	0 - 40 °C			
Operating Relative Humidity	0 - 95 %			
Operating Elevation	0-3000meters			
Storage Temperature	-15 - 45 °C			
Storage Relative Humidity	0 - 95 %			
Storage Elevation	0-15000meters			
Audible noise at 1 meter from surface of unit	40.0dBA	40.0dBA	40.0dBA	45.0dBA
<b>Conformance</b>				
Approvals	CE			
Standard warranty	3 Year Advance Replacement*			

\*Product specifications are subject to change without further notice.

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