ION

info@ionups.com.au
www.ionups.com.au

P: 1300 700 805

F18
Online UPS
1000VA / 2000VA / 3000VA

➡

The ION F18 Rack/Tower UPS delivers online power quality and scalable battery runtimes for rack servers, voice and data networks, storage systems and other IT equipment. With an efficiency rating of >95%, the F18 UPS cuts energy costs while packing up to 3kVA of power into only 2RU of rack space. The F18 UPS range also has a LCD user interface to simplify monitoring. The F18 range is the perfect way to flexibly integrate reliable power supply and protection for high-end computing and applications exposed to potential data loss, corruption and downtime.

3 YEAR
ADVANCED REPLACEMENT WARRANTY*

LCD LCD DISPLAY

2RU COMPACT DESIGN

PURE SINEWAVE OUTPUT

Wi Fi

F18 FEATURES

- 3 year advanced replacement warranty*

- Grouped programmable outlets

- 0.9 power factor

- Wide voltage input range

- High efficiency

- Optional additional batteries for extendable run time

- Power management software

- Optional SNMP & relay cards

- Optional Wi-Fi communication module*

- Compact design (2RU)

- Flexible rack/tower footprint

F18
Online UPS
Specifications

	F18-1000	F18-2000	F18-3000
Output			
Output Power Capacity	900Watts / 1000VA	1800Watts / 2000VA	2700Watts / 3000VA
Max Configurable Power	900Watts / 1000VA	1800Watts / 2000VA	2700Watts / 3000VA
Nominal Output Voltage	230V		
Voltage Regulation	Less than 5%		
Frequency	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal		
Topology	Double Conversion Online		
Waveform Type	Pure Sine Wave		
Output Connections	IEC C13 (8)	IEC C13 (8)	IEC C13 (8) IEC C19 (1)
Bypass	Internal Bypass (Automatic and Manual operation)		
Input			
Nominal Input Voltage	230V		
Input frequency Range	50/60 Hz +/- 3 Hz (auto sensing)		
Input Connections	IEC-320 C14	IEC-320 C14	IEC-320 C20
Input Voltage Range for main Operations	170 - 280V		
Overload Capacity			
Line Mode	12s at 102%-130% Load; 1.5s at 130%-150% Load		
Battery Mode	≥ 110 % ± 10%, Fault after 30 Seconds; ≥ 120 % ± 10 %, Fault after 100ms		
Efficiency			
Line Mode	> 88%	> 89%	> 92%
Battery Mode	> 83%	> 83%	> 86%
ECO Mode	> 95%	> 95%	> 95%
UPS Batteries			
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		
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	F18-1000	F18-2000	F18-3000
RU	2	2	2
Maximum Height	86mm	86mm	86mm
Maximum Width	440mm	440mm	440mm
Maximum Depth	435mm	435mm	605mm
Net Weight	17kg	20kg	29kg
Colour	Black		
EBM Dimensions	FEBM-360	FEBM-480	FEBM-720
RU	2	2	2
Maximum Height	86mm	86mm	86mm
Maximum Width	440mm	440mm	440mm
Maximum Depth	435mm	435mm	605mm
Net Weight	22kg	28kg	38kg
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	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.