



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

# F18-L

## Lithium Online UPS

2000VA



The ION Lithium F18 Rack/Tower UPS delivers high power density Online power quality in a compact footprint. With its longer life span, 5 Year Warranty\* and optional scalable battery run times for rack servers, voice and data networks, storage systems and other IT equipment. The ION Lithium F18 UPS cuts energy costs with its charge and recharge efficiency while packing up to 3kVA of power into only 2RU of rack space. The F18 UPS range also has an LCD user interface to simplify monitoring and comes with SNMP monitoring as standard. The ION Lithium 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.



## F18L LITHIUM FEATURES

- 5 year limited replacement warranty\*
- High Power Density, compact foot print
- Heat tolerant
- Long lifespan
- 3 x longer run time than traditional lead acid solutions
- 0.9 power factor
- Wide voltage input range
- High efficiency
- Power management software
- Standard SNMP & optional relay cards
- Compact design (2RU)
- Flexible rack/tower footprint

# F18L

## Lithium Online UPS

### Specifications

F18L-2000	
<b>Output</b>	
Output power capacity	1800Watts / 2000VA
Max Configurable Power	1800Watts / 2000VA
Nominal Output Voltage	208 / 220 / 230 / 240 ± 1% (settable)
Voltage Regulation	Less than 5%
Output Frequency	50/60 (auto sensing)
Topology	Double Conversion Online
Waveform type	Pure Sinewave
Output Connections	IEC C13 (6)
Bypass	Internal Bypass (Automatic operation)
<b>Input</b>	
Nominal Input Voltage	120 - 295 V
Input frequency	50 / 60 ± 10% (auto-sensing)
Input Connections	IEC-320 C20
Input voltage range for main operations	120 - 295 V
<b>Overload Capacity</b>	
Line Mode	101%-115% load for 1 min, 116%-133% load for 1s, above 134% load for 200ms
Battery Mode	≥ 110 % ± 10%, Fault after 30 Seconds; ≥ 120 % ± 10 %, Fault after 100ms
<b>Efficiency</b>	
AC/AC Efficiency	> 91.6%
<b>UPS Batteries</b>	
Battery Type	Lithium ION Battery
Voltage (VDC)	48
Typical Recharge Time	3 - 6 hour(s)
Charging Current	4 A
Expected Battery Life	5 - 10 years
Extendable Run Time	No
<b>Communications &amp; Management</b>	
Interface Port	USB / RS232
Communications Card Slot	SNMP Included / (RS232 & dry contact optional)
Control panel	Load / Battery / Input / Output / Operating Mode Information
Audible Alarm	Battery low-voltage, mains abnormal, UPS fault, output overload
<b>UPS Physical</b>	
RU	2
Maximum Height	86mm
Maximum Width	440mm
Maximum Depth	570mm
Net Weight	13.6kg
Colour	Black
<b>Environmental</b>	
Operating Environment	0 - 60°C (Best operating temperature is 0 - 40°C, output power derated from 40°C - 60°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	< 55.0 dB
<b>Conformance</b>	
Approvals	CE
Standard warranty	5 Year Limited Warranty*

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

\*5 Year limited warranty on UPS electronics and batteries please refer to the ION website for more information.