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F11

Line Interactive UPS

650VA



The ION F11 series is a general purpose line interactive UPS that offers protection from power surges and failures in the home, office or small business. Ideally suited to protecting computers and POS devices the ION F11 provides clean, reliable power delivery. Presented in a stylishly engineered unit, it is compact to fit in tight spaces and provides multiple power receptacles and USB communications ports.



LCD Display



HID Interface



Auto Charge/Restart



Small Load Sensing



Voltage Regulator



USB Connection



replacement warranty



F11 FEATURES

- 3 year advanced replacement warranty*
- LCD display
- Boost and buck Automatic Voltage Regulation (AVR) stabilises fluctuating power
- Easy battery replacement
- USB connection for local interface and communications
- Free software for real time monitoring and safe shutdown of connected equipment
- Auto-charge even when UPS is off
- Auto-restart in AC power recovery
- Modem/phone line surge protection
- Discharge, overcharge and overload protection
- HID USB Interface

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Specifications

F11-650

Output	
Output power capacity	360Watts / 650VA
Max Configurable Power	360Watts / 650VA
Nominal Output Voltage	230VAC
Output Voltage Distortion	Less than 5% at full load
Output Frequency	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Topology	Line Interactive
Output Connections	(2) Australian 3 pin 10Amp
Transfer Time	2-6ms typical
Input	
Nominal Input Voltage	230VAC
Input frequency	50 / 60 Hz +/- 3 Hz (auto sensing)
Input Connections	2m IEC to Australian 3 pin plug
Input voltage range for main operations	170 - 280VAC
Batteries & Runtime	
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Battery Capacity	1 x 12V 7AH
Charging Current	1A
Typical Recharge Time	6 hours to 90%
Expected Battery Life	3 - 5 years
Communications & Management	
Interface Port	USB
Control panel	LCD status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge Protection and Filtering	
Surge energy rating	320 Joules
Data Line Protection	RJ-11 Surge Protection
UPS Physical	
Maximum Height	143mm
Maximum Width	100mm
Maximum Depth	290mm
Net Weight	4.4kg
Shipping Weight	5.5kg
Shipping Height	220mm
Shipping Width	140mm
Shipping Depth	340mm
Colour	Black
Environmental	
Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 90 %
Operating Elevation	0-1500 meters @ 0~40 °C, 1501-3000 meters @ 0~35 °C
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
Conformance	
Approvals	CE
Standard warranty	3 Year Advance 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.