



F18

Super Charger Online UPS

3000VA / 6000VA / 10000VA



The ION F18 Rack/Tower Super Charger 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 Super Charger UPS cuts energy costs while packing up to 3kVA of power into only 2RU of rack space 6kVA of power into only 3RU of rack space and 10kVA of power into only 5RU of rack space for the super charger power module. The F18 Super Charger UPS range also has a LCD user interface to simplify monitoring. The F18 Super Charger 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.



F18 SC FEATURES

- 3 year advanced replacement warranty*
- 0.9 power factor
- Wide voltage input range
- High efficiency
- Designed for long run time solutions
- Power management software
- Multiple communication ports
- Optional communication accessories
- Optional Wi-Fi communication module*
- 1+1 Parallel capacity
- Smallest footprint in its class

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Specifications



F18-SC3

F18-SC6

F18-SC10

Output			
Output Power Capacity	2700Watts / 3000VA	5400Watts / 6000VA	9000Watts / 10000VA
Max Configurable Power (Watts)	2700Watts / 3000VA	5400Watts / 6000VA	9000Watts / 10000VA
Nominal Output Voltage	230V		
Output Voltage Distortion	Less than 5%		
Output Frequency (sync to mains)	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 C19 (1)	IEC C13 (2), IEC C19 (2), Hard Wired	IEC C13 (4), IEC C19 (2), Hard Wired
Bypass	Internal Bypass (Automatic and Manual)		
Input			
Nominal Input Voltage	230V		
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)		
Input Connections	Hard Wire 3 wire (1PH+N+G)		
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	100ms at >150% Load		
Efficiency			
Line Mode	> 92%	> 92%	> 93%
Battery Mode	> 86%	> 89%	> 90%
ECO Mode	> 95%	> 96%	> 97%
UPS Batteries			
Battery type (UPS has No internal batteries, add min. one (1) EBM)	FEBM-720 (Or F16-EBM3000A)	FEBM-180 (Or F18-EBM6000)	FEBM-240 (Or F18-EBM10000)
Expected Battery Life (years)	3-5 years		
Optional 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 Physical			
	F18-SC3	F18-SC6	F18-SC10
RU	2	3	5
Maximum Height	86mm	130mm	215mm
Maximum Width	440mm	440mm	440mm
Maximum Depth	605mm	710mm	730mm
Net Weight	29kg	46	82
Colour	Black		
EBM Physical			
	FEBM-720 (Or F16-EBM3000A)	FEBM-180 (Or F18-EBM6000)	FEBM-240 (Or F18-EBM10000)
RU	2	3	3
Maximum Height	86mm	86mm	86mm
Maximum Width	440mm	440mm	440mm
Maximum Depth	605mm	435mm	595mm
Net Weight	38kg	40	40
Colour	Black		
Environmental			
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	45.0dBA	40.0dBA	40.0dBA
Conformance			
Approvals	CE		
Standard Warranty	3 Year Advanced Replacement*		

*Product specifications are subject to change without further notice.

*Battery modules are not included a minimum of one is required per super charger UPS

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