



100kVA AIS 480 volt UPS

Part Number: AIS5000-IS100KG



Output

Output Power Capacity	80 kW / 100 kVA
Max Configurable Power	80 kW / 100 kVA
Nominal Output Voltage	480V 3PH
Efficiency at Full Load	88.00%
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Crest Factor	up to 5 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G)

Input

Bypass	Built-in Maintenance Bypass,Built-in Static Bypass
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Nominal Input Voltage	480V 3PH
Input Frequency	60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%
Input Connections	Hard Wire 4-wire (3PH + G)
Input voltage range for main operations	408 - 552 (480)V
Input voltage adjustable range for mains operation	408 - 552 (480V)V

Batteries & Runtime

Battery Type	No internal battery - uses external battery system
Runtime Chart	AIS 5000

Communications & Management

Interface Port(s)	Contact Closure,Smart-Slot
Available SmartSlot™ Interface Quantity	1
Pre-Installed SmartSlot™ Cards	AP9617
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	71.00 inches (1803 mm)
Maximum Width	64.00 inches (1626 mm)
Maximum depth	32.00 inches (813 mm)
Net Weight	3307.00 lbs. (1503.18 kg)
Shipping Weight	3470.00 lbs. (1577.27 kg)
Shipping Height	82.00 inches (2083 mm)
Shipping Width	72.00 inches (1829 mm)

Shipping Depth	40.00 inches (1016 mm)
Color	Grey

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3333 feet (0-999.9 meters)
Storage Temperature	-40 - 158 °F (-40 - 70 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 feet (0-4500 meters)
Audible noise at 1 meter from surface of unit	70 dBA
Online Thermal Dissipation	37200.00 BTU/hr
Protection Class	NEMA 1 with NEMA 12 optional

Conformance

Regulatory Approvals	FCC Part 15 Class A,UL 1778,VFI-SS-112
Standard Warranty	1 year (parts only)
Protection Class	NEMA 1 with NEMA 12 optional