

## [AIS 3000](#)

### **APC AIS 3000 30kVA 208V w/3 Batt. Modules Exp. To 4, Start-Up 5X8, Internal Maintenance Bypass**



APC AIS 3000, 24 kW / 30 kVA, Input 208V 3PH / Output 120V, 208V, 208V 3PH, Interface Port DB-9 RS-232, Smart-Slot, Extended runtime model

**Includes:** Battery modules ship installed, Bolt down brackets, CD with software, Installation guide, Power modules ship installed, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

**Standard Lead Time:** Usually Ships within 2 Weeks

## AIS 3000 Features & Benefits

### Availability

|                                       |  |
|---------------------------------------|--|
| Dual mains input                      | Increases availability by allowing the UPS to be connected to two separate power sources.        |
| Battery modules connected in parallel | Delivers higher availability through redundant batteries.  |
| Automatic internal bypass             | Supplies utility power to the connected loads in the event of a UPS overload condition or fault. |
| Hot-swappable batteries               | Ensures clean, uninterrupted power to protected equipment while batteries are being replaced     |
| Generator Compatible                  | Ensures clean, uninterrupted power to protected equipment when generator power is used.          |

### Serviceability

|                                   |   |
|-----------------------------------|---|
| Manual maintenance bypass         | Reduces installation costs by eliminating the need for an external mechanical bypass. |
| Front-access servicing            | Simplifies installation and maintenance while minimizing space requirements.          |
| Battery replacement without tools | Allows quick, easy battery replacement.   |
| User-replaceable air filters      | Enables quick and simple replacement of air filters.                                  |

### Manageability

|                                |   |
|--------------------------------|---|
| Network manageable             | Provides remote management of the UPS over the network.                                       |
| Intelligent Battery Management | Maximizes battery performance, life, and reliability through intelligent, precision charging. |
| SmartSlot                      | Customize UPS capabilities with management cards.   |
| LCD display                    | Alpha-Numeric Display which displays system parameters and alarms.                            |
| Audible Alarms                 | Provides notification of changing utility power and UPS conditions.                           |

### Economy

|  |  |
|--|--|
| Input power factor correction            | Minimizes installation costs by enabling the use of smaller generators and cabling.                                  |
| Temperature-compensated battery charging | Prolongs battery life by regulating the charge voltage according to battery temperature.                             |
| Frequency and voltage regulation         | Gives higher application availability by correcting poor frequency and voltage conditions without using the battery. |

### Protection

|                        |  |
|------------------------|--|
| Automatic self-test    | Periodic battery self-test ensures early detection of a battery that needs to be replaced.   |
| Safety-agency approved | Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment. UL, FCC, CE, C-Tick approvals. |

# Output

|                                  |   |
|----------------------------------|---|
| Output Power Capacity            | 24 kW / 30 kVA  |
| Max Configurable Power           | 24 kW / 30 kVA  |
| Nominal Output Voltage           | 120V,208V,208V 3PH  |
| Output Voltage Note              | Configurable for 208 and 220V - 3 Phase                   |
| Output Voltage Distortion        | Less than 5% at full load                                 |
| Output Frequency (sync to mains) | 57 - 63 Hz for 60 Hz nominal                              |
| Crest Factor                     | Unlimited   |
| Waveform Type                    | Sine wave   |
| Output Connections               | (1) Hard Wire 5-wire (3PH + N + G)<br>(1) Screw Terminals |
| Bypass                           | Built-in Maintenance Bypass,Built-in Static Bypass        |

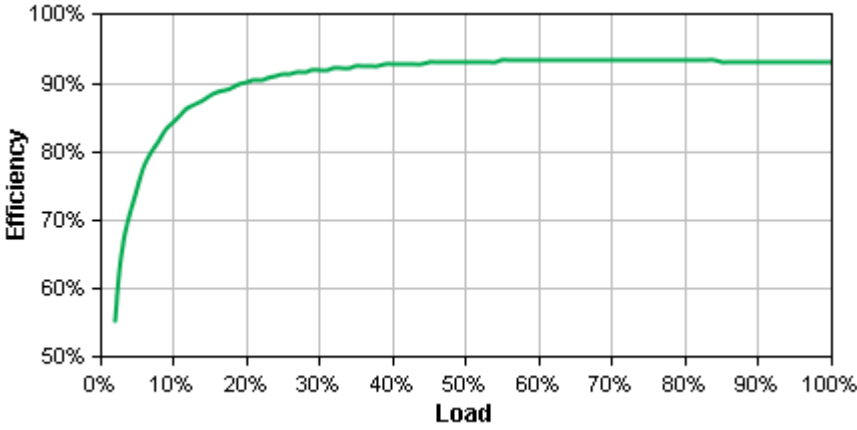
# Input

|   |                                |
|---|--------------------------------|
| Nominal Input Voltage                   | 208V 3PH                       |
| Input Frequency                         | 40 - 70 Hz                     |
| Input Connections                       | Hard Wire 5-wire (3PH + N + G) |
| Input voltage range for main operations | 160 - 240V                     |
| Other Input Voltages                    | 220                            |

# Batteries & Runtime

|                                  |  |
|----------------------------------|--|
| Battery Type                     | VRLA   |
| Included Battery Modules         | 3  |
| Available Battery Slots          | 1  |
| Typical recharge time            | 3 hour(s)  |
| RBC™ Quantity                    | 1  |
| Typical Backup Time at Half Load | 18.2 minutes (12000 Watts)   |
| Typical Backup Time at Full Load | 5.5 minutes (24000 Watts)  |
| Runtime Chart                    | <a href="#">AIS 3000</a>   |
| Extended Run Options             | <a href="#">APC AIS 3000 30kVA 208V w/3 Batt. Modules Exp. To 4, Start-Up 5X8, Internal Maintenance Bypass</a> |

# Energy Use/Efficiency



Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and resistive load output.

[View Enlarged Chart](#)

# Communications & Management

|                                |  |
|--------------------------------|--|
| Interface Port(s)              | DB-9 RS-232,Smart-Slot                           |
| Pre-Installed SmartSlot™ Cards | <a href="#">AP9619</a>                           |
| Control panel                  | Multi-function LCD status and control console    |
| Audible Alarm                  | Audible and visible alarms : configurable delays |
| Emergency Power Off (EPO)      | Yes  |

# Physical

|                  |            |
|------------------|------------|
| Maximum Height   | 1499.00 mm |
| Maximum Width    | 523.00 mm  |
| Maximum Depth    | 925.00 mm  |
| Net Weight       | 536.82 KG  |
| Shipping Weight  | 568.18 KG  |
| Shipping Height  | 1643.00 mm |
| Shipping Width   | 650.00 mm  |
| Shipping Depth   | 1062.00 mm |
| Color            | Grey       |
| Units per Pallet | 1.00       |

# Environmental

|   |                |
|---|----------------|
| Operating Environment                         | 0 - 40 °C      |
| Operating Relative Humidity                   | 0%             |
| Operating Elevation                           | 0-999.9 meters |
| Storage Temperature                           | -50 - 40 °C    |
| Storage Relative Humidity                     | 0%             |
| Storage Elevation                             | 0-15000 meters |
| Audible noise at 1 meter from surface of unit | 58.00 dBA      |
| Online Thermal Dissipation                    | 5486.00 BTU/hr |
| Protection Class                              | NEMA 12        |

## Conformance

|                      |                                       |
|----------------------|---------------------------------------|
| Regulatory Approvals | cUL Listed,ISO 14001,ISO 9001,UL 1778 |
| Standard Warranty    | 1 year repair or replace              |

\*\*The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.