



ATTOM

Customize for Efficiency

AgileMod™ Containment Type Modular Data Center Solution

Building foundation for sustainable digital future



Customized Efficiency

<https://attom.tech>

AgileMod™ Containment Type Modular Data Center Solutions

The one-stop solution for sustainable digital **efficiency and protection.**



Solution Benefits

Optimized Efficiency

- Free cooling with refrigerant type indirect free cooling.
- Aisle containment no energy loss from cold/hot air mix.
- High efficient components including inverter compressors, EC fans and green refrigerant.
- Real time PUE measuring and monitoring.
- UPS supports ECO energy saving mode.

Standardized Management and Monitoring

- LEGO style standard product modules for easy duplicated management.
- Local and remote monitoring protocol for easy control and visualization.
- Real time alert/notification for peace of mind performance.
- Easy purchasing, installation, and service process with pre-defined designs.

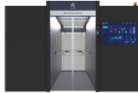
Integrated Protection and Security

- TIER 1~4 design compatibility.
- Secure access control of each doors.
- Compatible with fire system by automatic action to top panels and air conditioners.
- Video surveillance with live view and backup recording.



Design Features

Smart Module with Larger Display



- 21 inch/43 inch display per configuration.
- Smart doors automatic open/close.
- Top panel automatic open per fire signal.
- Blue/Orange/Red lights status indication.
- Modular construction suitable for future expansion.

Green Precision Cooling



- 5-90kW Row cooling, or 5-200kW Room cooling.
- Green efficiency type free cooling options.
- High efficiency technology with inverter and EC fan
- Works for -40C ~ +55C ambient temperature.

Hybrid Power in Modular Form



- Standard design rack mount type UPS/48VDC rectifier saving space.
- VRLA and Lithium battery by configuration.
- Smart PDU per configurations.
- Built in power distribution panels configurable to T1~T4 uptime level.

Secured IT Rack System



- Secured by access control system with optional smart locking.
- 1800kg static loading capacity IT racks.
- Optional with solid rear door for better airflow management.

Insightful DCIM System



- Full communication to UPS, cooling, power panel, and all type of sensors.
- Integration with access control system.
- Integration with video surveillance system.
- Local display and settings on touch screen.
- Remote accessible from web, SMS, Email, Modbus-TCP. Optional with SNMP.

Unified Access Control System



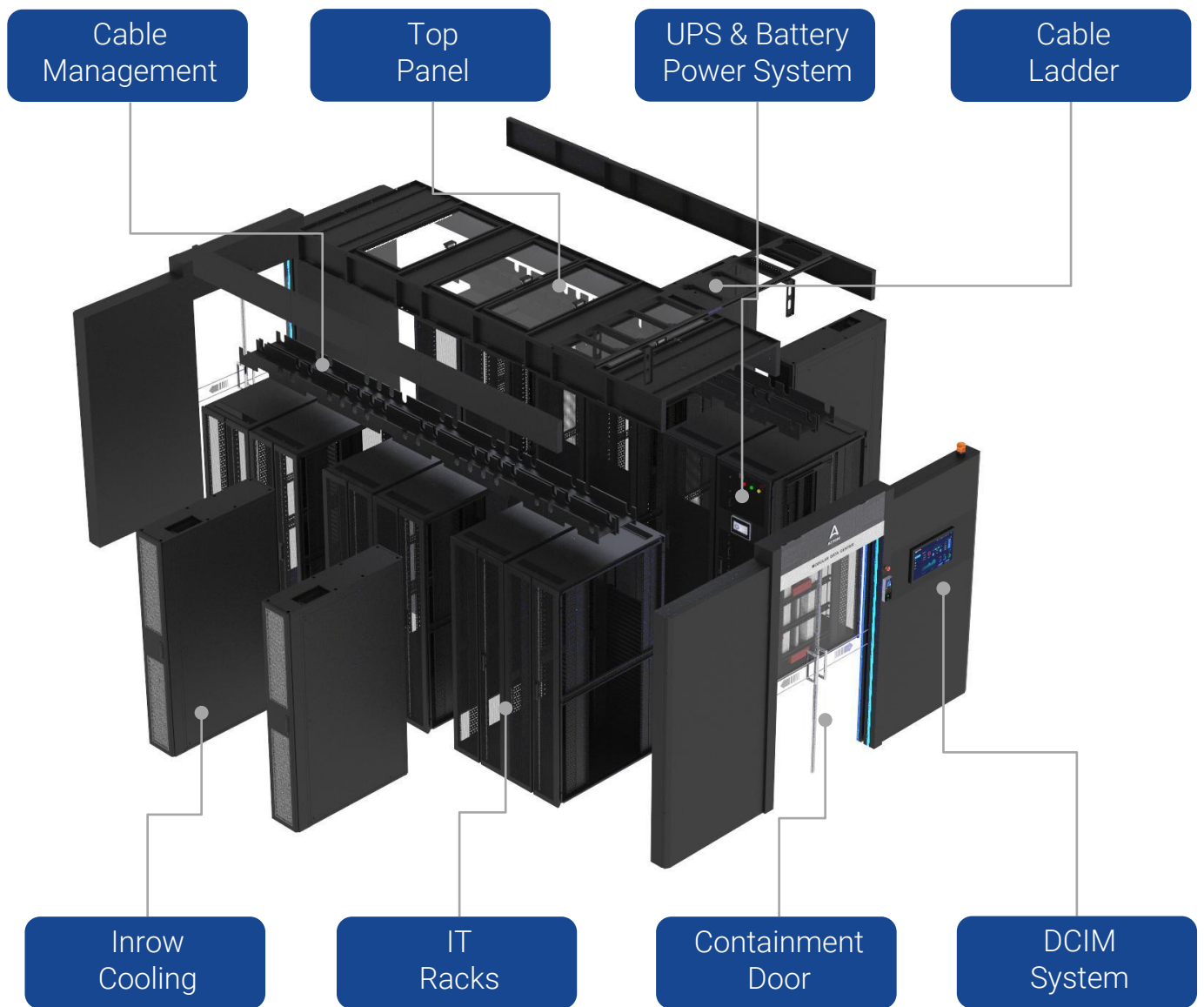
- 3 in 1 type (pin/password/fingerprint) access control protection. Optional 4 in 1 (+face recognition) access control protection.
- Central and remote management by standalone software.
- Integration into DCIM system.

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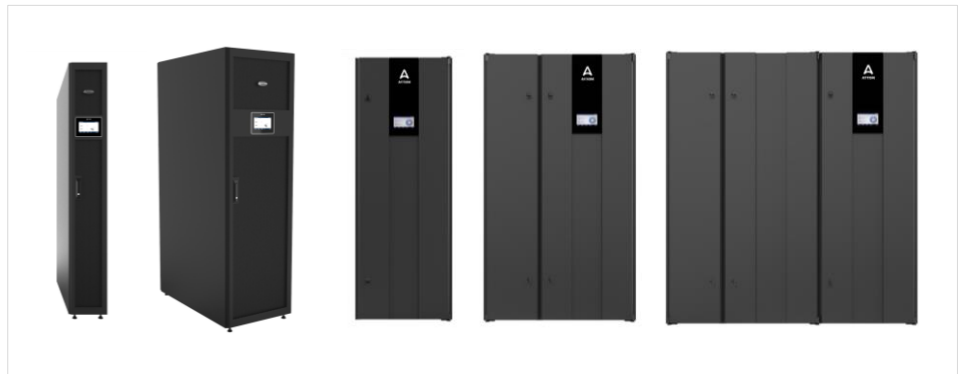
Power System

- 3kVA~60kVA rack UPS
- 60-200kVA modular UPS rack mount.
- 250-600kVA modular UPS floor mount
- 60A~1200A 48VDC rectifier
- Basic/Smart PDU



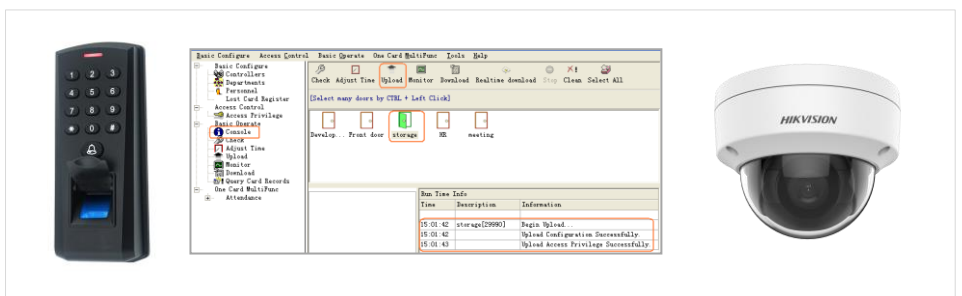
Cooling System

- 5-90kW Inrow cooling system
- 5-200kW CRAC cooling system
- Refrigerant type free cooling available upon configuration.



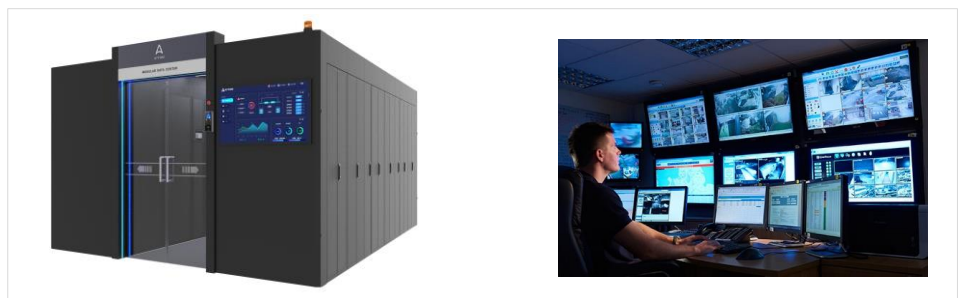
Security System

- 3 in 1 access control for each door.
- Centralized software management.
- Video surveillance.



DCIM System

- Local & remote monitoring, and alert.
- Full sensors.
- Full integration of 3rd party equipment.



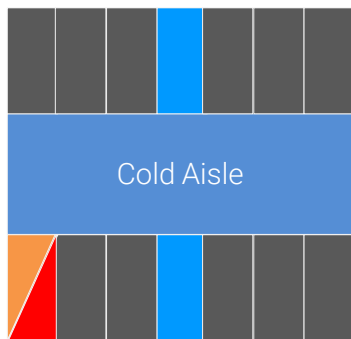
Customized Efficiency



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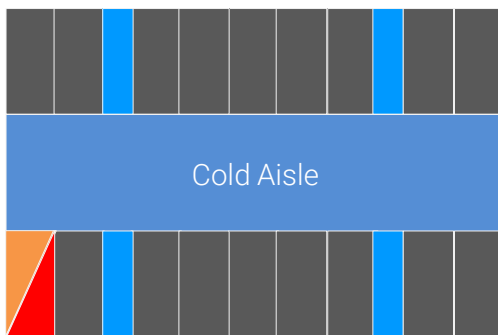
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Pre-configured Models



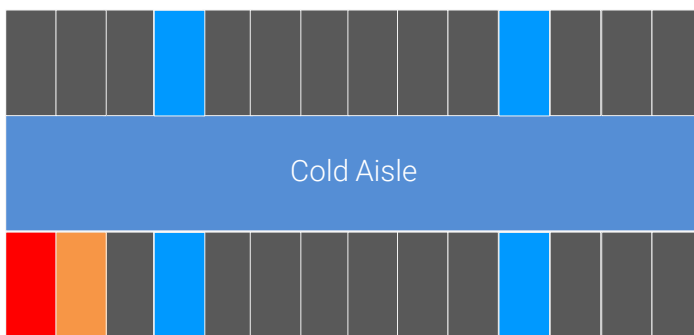
ATM-60-R12

- IT Rack: 12 Sets
- IT Power: 60kW
- Cooling: 2x 65.7kW
- UPS: 90kVA
- Redundancy: N+1



ATM-90-R18

- IT Rack: 18 Sets
- IT Power: 90kW
- Cooling: 4x 31.1kW
- UPS: 125kVA
- Redundancy: N+1



ATM-120-R24

- IT Rack: 24 Sets
- IT Power: 120kW
- Cooling: 4x 51.2kW
- UPS: 150kVA
- Redundancy: N+1

Customized Efficiency

Technical Data | IEC Power – 380~415V/3P/50~60Hz

| Product Model | ATM-60-R12 | ATM-90-R18 | ATM-120-R24 | Configured |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IT Rack No. | 12 | 18 | 24 | Per Definition |
| Rack Power Density -kW/Rack | 5.0 | 5.0 | 5.0 | Per Definition |
| Total IT Power -kW | 60 | 90 | 120 | Per Definition |
| Redundancy | N+1 | N+1 | N+1 | T1 ~ T4 |
| Width -mm | 3600 | 3600 | 3600 | Per Definition |
| Depth -mm | 2991 | 2991 | 6058 | Per Definition |
| Height -mm | 2000 | 2000 | 2000 | Per Definition |
| IP Level | IPX0 | IPX0 | IPX0 | IPX0 |
| Input Power | 380-415V/3P /50-60Hz | 380-415V/3P /50-60Hz | 380-415V/3P /50-60Hz | 380-415V/3P /50-60Hz |
| Power Section | | | | |
| UPS -kVA | 75kVA (5*15kVA) | 125kVA (5*25kVA) | 150kVA (6*25kVA) | 3 ~ 600kVA |
| UPS Mount Type | Rack-Modular | Rack-Modular | Rack-Modular | Rack/Floor |
| Standard UPS Battery | VRLA 15min@60kW | VRLA 15min@90kW | VRLA 15min@120kW | Lithium/VRLA |
| AC PDU | Smart/Basic PDU | Smart/Basic PDU | Smart/Basic PDU | Per Definition |
| -48VDC -A | Optional | Optional | Optional | 10 ~ 600A |
| 48VDC Battery | Optional | Optional | Optional | <= 4 hour |
| 48VDC PDU | Optional | Optional | Optional | Per Definition |
| Cooling Section | | | | |
| Cooling Type | Inrow Split DX | Inrow Split DX | Inrow Split DX | Inrow/CRAC |
| Mount Type | Row | Row | Row | Row/Room |
| Capacity-kW | 2x 65.7kW | 4x 31.1kW | 4* 51.2kW | 5 ~ 200kW |
| DCIM Section | | | | |
| Local Display | Touch Screen | Touch Screen | Touch Screen | Touch Screen |
| Remote Access | Web/SMS/Email | Web/SMS/Email | Web/SMS/Email | Web/SMS/Email |
| Reporting Protocol | Modbus/SNMP | Modbus/SNMP | Modbus/SNMP | Modbus/SNMP |
| UPS Mgmt. | Yes | Yes | Yes | Yes |
| Cooling Mgmt. | Yes | Yes | Yes | Yes |
| Temperature & Humidity Sensor | Yes | Yes | Yes | Yes |
| Fire Sensor | Smoke | Smoke | Smoke | Smoke |
| Water Sensor | Yes | Yes | Yes | Yes |
| Door Sensor | Yes | Yes | Yes | Yes |
| Security Section | | | | |
| Access Control | RFID/Pin/Finger | RFID/Pin/Finger | RFID/Pin/Finger | RFID/Pin/Finger |
| Video Surveillance | Yes | Yes | Yes | Yes |
| Fire Fighting Section | | | | |
| Fire Extinguisher | Optional | Optional | Optional | Optional |
| Early Detection | Optional | Optional | Optional | Optional |

Customized Efficiency



Technical Data | US Power – 208~230V/3P/50~60Hz

| Product Model | ATM-60-R12 | ATM-90-R18 | ATM-120-R24 | Configured |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IT Rack No. | 12 | 18 | 24 | Per Definition |
| Rack Power Density -kW/Rack | 5.0 | 5.0 | 5.0 | Per Definition |
| Total IT Power -kW | 60 | 90 | 120 | Per Definition |
| Redundancy | N+1 | N+1 | N+1 | T1 ~ T4 |
| Width -mm | 3600 | 3600 | 3600 | Per Definition |
| Depth -mm | 2991 | 2991 | 6058 | Per Definition |
| Height -mm | 2000 | 2000 | 2000 | Per Definition |
| IP Level | IPX0 | IPX0 | IPX0 | IPX0 |
| Input Power | 208-230V/3P /50-60Hz | 208-230V/3P /50-60Hz | 208-230V/3P /50-60Hz | 208-230V/3P /50-60Hz |
| Power Section | | | | |
| UPS -kVA | 75kVA (5*15kVA) | 105kVA (7*15kVA) | 150kVA (10*15kVA) | 3 ~ 300kVA |
| UPS Mount Type | Rack-Modular | Rack-Modular | Floor-Modular | Rack/Floor |
| Standard UPS Battery | VRLA 15min@60kW | VRLA 15min@90kW | VRLA 15min@120kW | Lithium/VRLA |
| AC PDU | Smart/Basic PDU | Smart/Basic PDU | Smart/Basic PDU | Per Definition |
| -48VDC -A | Optional | Optional | Optional | 10 – 600A |
| 48VDC Battery | Optional | Optional | Optional | <= 4 hour |
| 48VDC PDU | Optional | Optional | Optional | Per Definition |
| Cooling Section | | | | |
| Cooling Type | Inrow Split DX | Inrow Split DX | Inrow Split DX | Inrow/CRAC |
| Mount Type | Row | Row | Row | Row/Room |
| Capacity-kW | 2x 65.7kW | 4x 31.1kW | 4* 51.2kW | 5 ~ 200kW |
| DCIM Section | | | | |
| Local Display | Touch Screen | Touch Screen | Touch Screen | Touch Screen |
| Remote Access | Web/SMS/Email | Web/SMS/Email | Web/SMS/Email | Web/SMS/Email |
| Reporting Protocol | Modbus/SNMP | Modbus/SNMP | Modbus/SNMP | Modbus/SNMP |
| UPS Mgmt. | Yes | Yes | Yes | Yes |
| Cooling Mgmt. | Yes | Yes | Yes | Yes |
| Temperature & Humidity Sensor | Yes | Yes | Yes | Yes |
| Fire Sensor | Smoke | Smoke | Smoke | Smoke |
| Water Sensor | Yes | Yes | Yes | Yes |
| Door Sensor | Yes | Yes | Yes | Yes |
| Security Section | | | | |
| Access Control | RFID/Pin/Finger | RFID/Pin/Finger | RFID/Pin/Finger | RFID/Pin/Finger |
| Video Surveillance | Yes | Yes | Yes | Yes |
| Fire Fighting Section | | | | |
| Fire Extinguisher | Optional | Optional | Optional | Optional |
| Early Detection | Optional | Optional | Optional | Optional |

Customized Efficiency



Our Customer Success

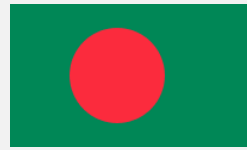
We always think in customer perspective to support our customers success. We build our long term success with the values of customer first.



Customized Efficiency



Our Global Deployments



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We believe the world is
being totally connected.

The connections are
creating digital intelligence
and a better future.

We design and deliver
data center
infrastructure products
to build foundation of
digital future.



USA

1450 NE Alex Way APT 299
Hillsboro, OR 97124, USA
+1 301 6789 288



CHINA

F101, #06 Yangchong Road,
Shenzhen, 518018, China
+86 755 2320 7298

Contact us

ATTOM TECHNOLOGY



Visit us on web
<https://www.attom.tech>



Email us
support@attom.tech

