

# DOOR COOL MICRO DC CABINET SERIES



AGER DOOR COOL MICRO DC Serie cabinets are designed to transform environments without active cooling or ventilation capabilities into fully functional data center spaces. With a compact cooling unit that integrated as standard into the front door, internal cabinet airflow is controlled directly and with high efficiency.

Depending on the placement of IT equipment and the resulting heat and temperature distribution, the compact cooling unit can also be integrated into the rear door or side panels. This approach provides a space-saving and high-efficiency cooling solution.

By directly controlling the airflow inside the cabinet, hot air is captured at its source and cooling is performed based on the shortest air path principle, ensuring maximum efficiency.

Thanks to its flexible design, the system enables fast installation, easy maintenance, and adaptability to various application scenarios, making it a reliable and scalable solution for edge data centers, telecommunications, and industrial IT environments.



## Color Options

RAL7035 Light Grey

RAL9005 Black



**AGER**

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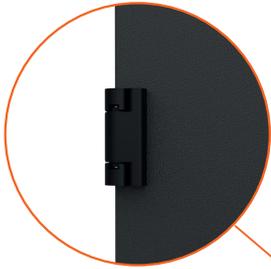
Cable Management Panel



Vertical / Rack-mount  
SMART PDU



Vertical / Rack-mount  
Basic PDU



Aesthetic Edge-Mount Hinge  
with 270° opening angle



Swing-handle with 3  
points Locking system



EPDM Insulating Material



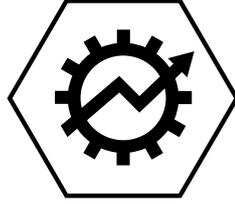
Electrical Distribution Unit



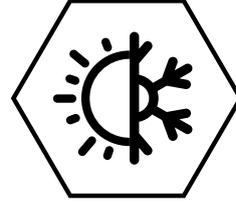
Modular - Four side accessible  
Plinth H=120 mm



## COOLING UNIT FEATURES



HIGH EFFICIENCY



TEMPERATURE CONTROL



EASY MAINTENANCE



1.

Cooling unit offers easy maintenance thanks to its openable cover design.

2.

The integrated digital display and intelligent electronic control system provide advanced user convenience.

3.

With Ethernet and RS485 communication capabilities, the Cooling unit can be monitored and controlled remotely.

4.

Cooling Unit can be connected to a door switch which will ensure safe and reliable operation.

5.

Thanks to the fault alarm system and dry contact outputs, fault conditions can be monitored via PLC or as a 220 V output.

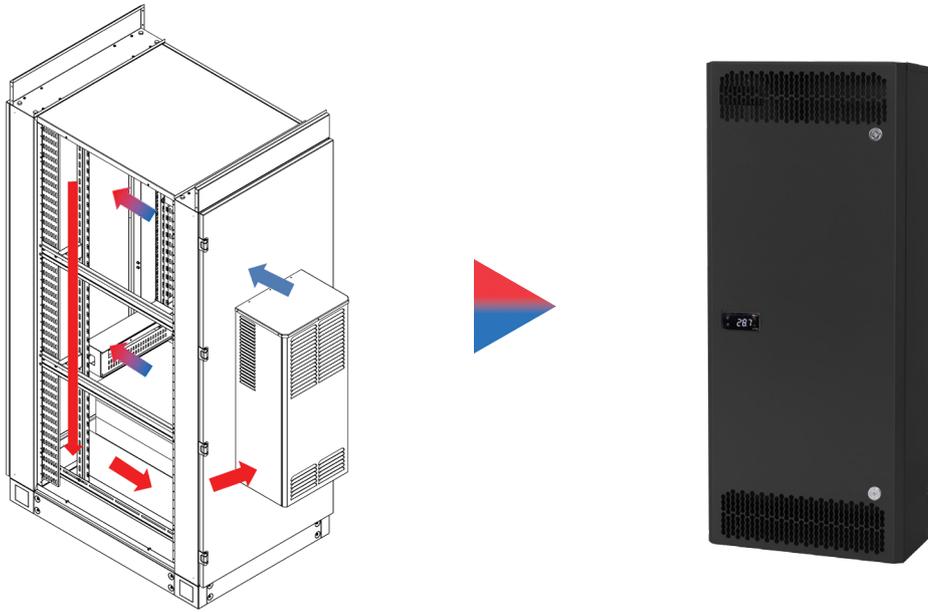
6.

The three-sensor protection level provides early warning to the user in maintenance-required conditions.

7.

The use of high-efficiency R410A refrigerant delivers increased cooling performance and contains no harmful substances to the ozone layer.

## COOLING UNIT FEATURES



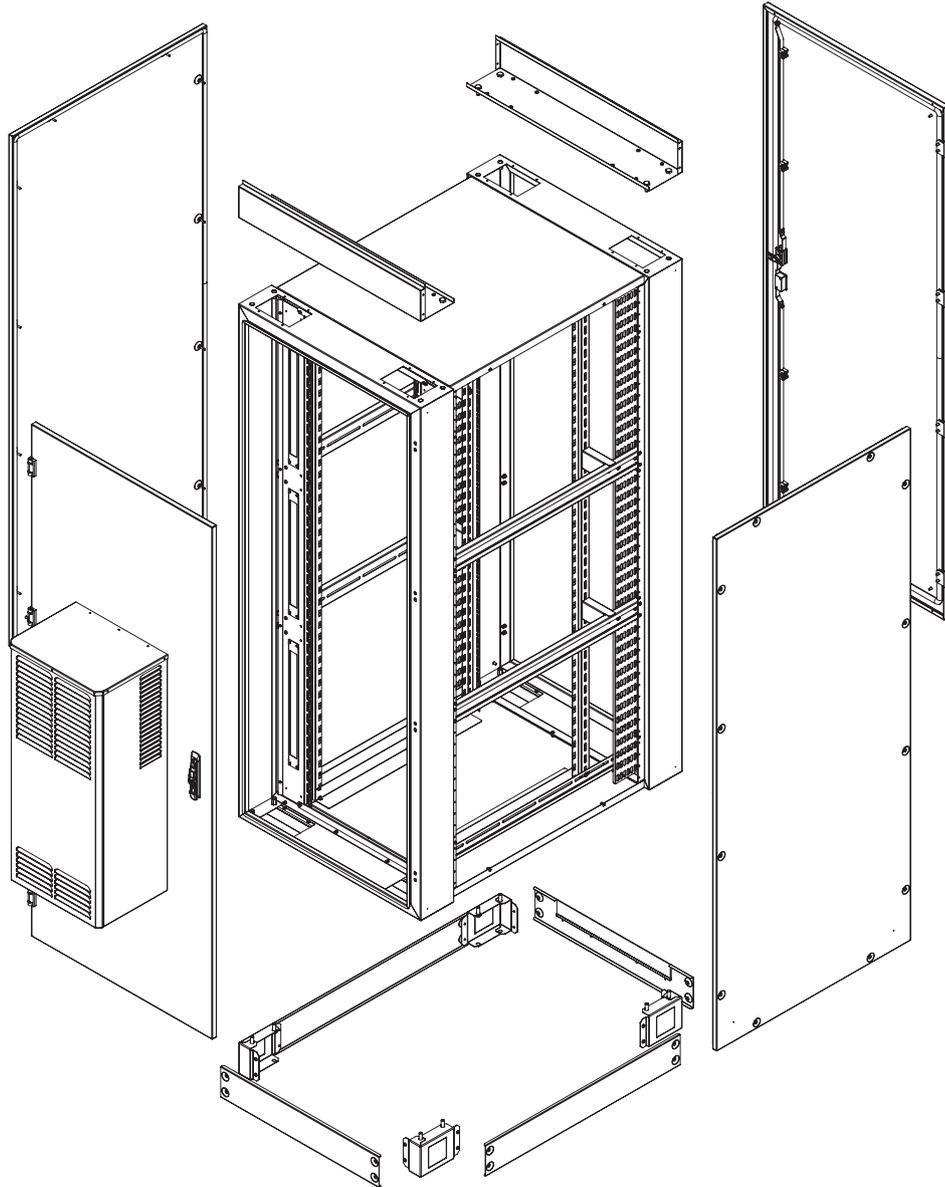
COOLING UNIT FEATURES		
COOLING UNIT	EM-KM-037 / EM-KM-058	EM-KM-033 / EM-KM-054
1.Cooling Capacity L35 L35	1000 W	1700 W
2.Refrigerant Gas Type	R134A   R513A	R134A   R513A
3.Cooling Refrigerant Amount	380 g	520 g
4.Thermostat Factory Setting	15 °C...35 °C	15 °C...35 °C
5.Temp. Differential	4 °C	4 °C
6.Ext. Fan Airflow	540 m³/h	945 m³/h
7.Int. Fan Airflow	540 m³/h	945 m³/h
8.Frequency	50/60 Hz	50/60 Hz
9.Power Voltage	230 V	230 V
10.Power Consumption	530 W	860 W
11.Operating Current	2.4 A	3.9 A
12.Starting Current RLA / LRA	3.4 A /13.5 A	4.9 A /19.0 A
13.Weight	28 kg	40 kg
14.Height x Width x Depth	750 x 350 x 225	955 x 400 x 250
15.Body Frame Material	Stainless Steel	Stainless Steel
16.Mounting Type	Panel Type	Panel Type
17.Protection Level	IP 54	IP 54
18.Operating Range	-20 °C ... +55 °C	-20 °C ... +55 °C
19.Compressor	Embraco/Secop	Danfoss/Secop
20.Fans	EbmPapst	EbmPapst
21.Comm. Protocols	EtherNet/IP , ModBus TCP, ModBus RTU	EtherNet/IP , ModBus TCP, ModBus RTU

## (NOTES :

1. A/C color options : Black & Light Gray. Standard codes are for Light Gray color versions.For Black colored codes, please add "-S" at the end of standard code.)



### CABINET GENERAL FEATURES



#### Materials and IP Class

- 1.5 mm DKP
- Standart as IP54

#### Color Options

- RAL 9005 Black
- RAL7035 White

#### Accessories

- Please contact with Sales Representative for compatible accessories.

#### Doors

- Door options are available.
- Doors can open 270°.
- Left & Right opening adjustable

#### Mounting Rails

- 1,5 mm DX51 Pre-galvanised
- Mounting rail position is adjustable at depth direction.
- Multi-bended design for high loading capacity.

#### Side Panels

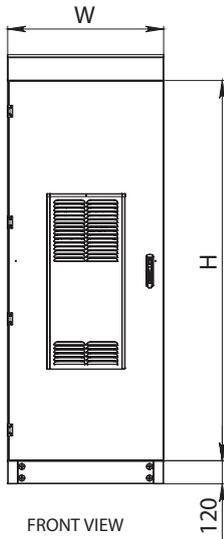
- Detachable side panels

#### Loading Capacity

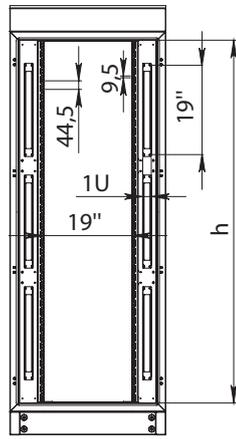
- 1500 kg stable static loading capacity

#### Grounding

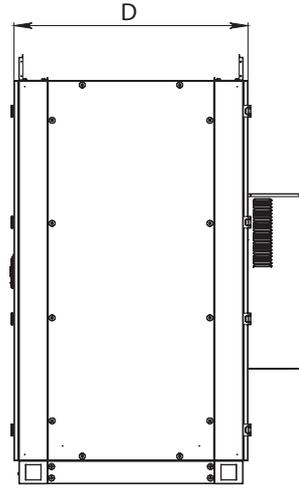
- H=120 mm Plinth raising is available
- Please contact our sales department for accessories.



FRONT VIEW



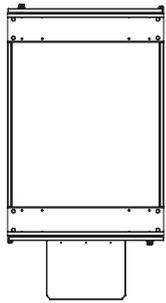
FRONT VIEW WITHOUT DOORS



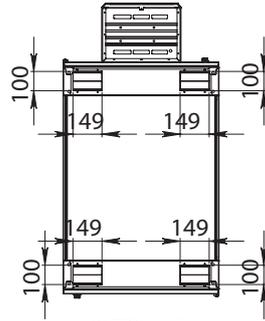
SIDE VIEW



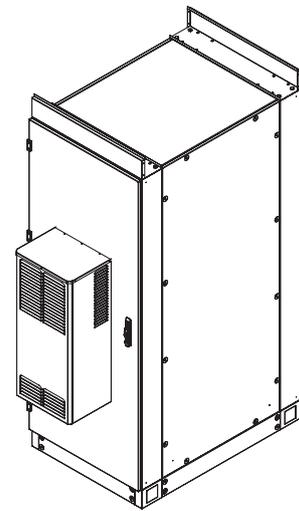
REAR VIEW



TOP VIEW



BOTTOM VIEW



ISOMETRIC VIEW

DOOR COOL MICRO DC CABINETS

Product Code	Product Description	Size (U)	Width(w) (mm)	Depth (D) (mm)	Height (H) (mm)	Weight * (Net) (kg)	Weight * (Gross) (kg)
AG-MC36U6010XX-CBAA-A-M1	36U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	36U	600	1000	1702	138	142
AG-MC36U6012XX-CBAA-A-M1	36U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	36U	600	1200	1702	140	144
AG-MC36U8010XX-CBAA-A-M1	36U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	36U	800	1000	1702	148	152
AG-MC36U8012XX-CBAA-A-M1	36U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	36U	800	1200	1702	150	154
AG-MC42U6010XX-CBAA-A-M1	42U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	42U	600	1000	1968	168	172
AG-MC42U6012XX-CBAA-A-M1	42U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	42U	600	1200	1968	170	174
AG-MC42U8010XX-CBAA-A-M1	42U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	42U	800	1000	1968	188	192
AG-MC42U8012XX-CBAA-A-M1	42U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	42U	800	1200	1968	190	194
AG-MC47U6010XX-CBAA-A-M1	47U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	47U	600	1000	2190	198	202
AG-MC47U6012XX-CBAA-A-M1	47U 19" W=600 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	47U	600	1200	2190	200	204
AG-MC47U8010XX-CBAA-A-M1	47U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	47U	800	1000	2190	208	212
AG-MC47U8012XX-CBAA-A-M1	47U 19" W=800 AGER DOOR COOL - IP55 INDOOR MICRO DC CABINET	47U	800	1200	2190	210	214

(NOTES:

1.XX = Color Code. B1 represents White (RAL 7035), and S1 represents Black (RAL 9005). This information must be provided to the representative during the ordering process.

2.\* Weight values do not contain A/C unit weight.For A/C Unit weight please check table in Page5.)



### COOLING UNIT



**Compressor:** The compressor is the main component of the cooling system. It compresses the low-pressure refrigerant gas coming from the evaporator at ambient temperature and converts it into a high-temperature, high-pressure refrigerant gas. This gas then condenses in the condenser (outdoor unit) and turns into a liquid state. The compressor is the most critical and fundamental part of the cooling system.

**High Pressure Switch:** Activates when the refrigerant pressure in the system reaches a preset limit and sends an alarm signal to the controller.

**High Pressure Sensor:** Monitors the pressure on the high-pressure side of the cooling system and transmits the measured data to the controller.

**Expansion Valve:** Electronic expansion valve that regulates the refrigerant flow rate.

**Low Pressure Sensor:** Monitors the pressure on the low-pressure side of the cooling system and transmits the measured data to the controller.

**Fan:** Circulate the airflow at all along cooling cycle.

**Controller:** The controller is the logical control center of the unit. It manages automatic control, operational management, and alarm functions. The controller is located outside the electrical panel.

#### COOLING UNIT

Product Code	Product Description	Width(w) (mm)	Depth (D) (mm)	Height(h) (mm)	Weight (Net) (kg)	Weight (Gross) (kg)
EM-KM-037	1000 W PANEL MOUNTED AIR CONDITIONER - INDOOR (RAL7035 LIGHT GRAY)	750	350	225	28	30
EM-KM-058	1000 W PANEL MOUNTED AIR CONDITIONER - LOW NOISE - INDOOR (RAL7035 LIGHT GRAY)	750	350	225	28	30
EM-KM-033	1700 W PANEL MOUNTED AIR CONDITIONER - INDOOR (RAL7035 LIGHT GRAY)	955	400	250	40	42
EM-KM-054	1700 W PANEL MOUNTED AIR CONDITIONER - LOW NOISE - INDOOR (RAL7035 LIGHT GRAY)	955	400	250	40	42
EM-KM-037-S	1000 W PANEL MOUNTED AIR CONDITIONER - INDOOR - (RAL9005 BLACK)	750	350	225	28	30
EM-KM-058-S	1000 W PANEL MOUNTED AIR CONDITIONER - LOW NOISE - INDOOR (RAL9005 BLACK)	750	350	225	28	30
EM-KM-033-S	1700 W PANEL MOUNTED AIR CONDITIONER - INDOOR (RAL9005 BLACK)	955	400	250	40	42
EM-KM-054-S	1700 W PANEL MOUNTED AIR CONDITIONER - LOW NOISE - INDOOR (RAL9005 BLACK)	955	400	250	40	42

## UPS MODULES



- High frequency Online Double-Conversion (VFI) topology
- 19" Rack mount or free standing positioning possibilities
- Pure & Full sinusoidal waveform output for precise devices and computer systems
- Digital Signal Processor Technology
- Power Factor Correction (PFC)
- High input power factor ( $\geq 0.99$ )
- Wide Input Voltage Range (110V ~ 300V)
- Output power factor  $\geq 0.9$  – More usable power for the same kVA
- Cold Start feature – Battery powered start-up
- Automatic Restart feature without any user action required
- Automatic Battery Charging during OFF mode...
- Automated Frequency Detection
- High Energy Saving with ECO Mode
- Adjustable output voltage via LCD display
- Advanced Bypass self-test at startup
- Advanced Battery Management (ABM) to extend battery life
- Short-Circuit and Overload Protection
- Load-Sensitive Intelligent Fan Control
- Standard Generator compatibility
- RS232 Communication Port & RJ45 Protection Port
- USB / SNMP Communication Ports (Optional)
- Emergency Power-Off - EPO (Optional)
- N+X Parallel Redundancy (Optional)

### UPS MODULE

Product Code	Product Description	Capacity/Power	Size (U)	Width(w) (mm)	Depth (D) (mm)	Height (H) (mm)	Weight (Net) (kg)	Weight (Brut) (kg)
AS-TSK-1KVA-RT	UPS RT 1 KVA	1 kVA/900 W	2U	440	468	88	13	29
AS-TSK-2KVA-RT	UPS RT 2 KVA	2 kVA/1800 W	2U	440	468	88	13	29
AS-TSK-3KVA-RT	UPS RT 3 KVA	3 kVA/2700 W	2U	440	468	88	13	29
AS-TSK-6KVA-RT	UPS RT 6 KVA	6 kVA/5400W	3U	440	555	132	90	95
AS-TSK-10KVA-RT	UPS RT 10 KVA	10 kVA/9000 W	3U	440	555	132	102	107



### ENVIRONMENTAL MONITORING MODULE



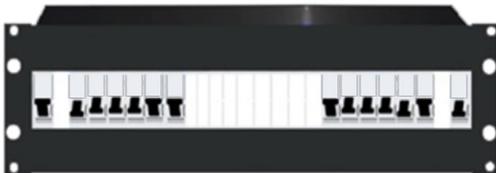
Provides a scalable and intelligent monitoring infrastructure designed to ensure continuous control of critical environmental parameters in IT, edge data center, and industrial environments. Depending on the size of the monitored area and the required sensor types, the system can be flexibly expanded to support multiple sensors and monitoring points. This makes it an ideal solution for environments where environmental data must be collected and evaluated from more than one location simultaneously.

The module supports a wide range of sensors, including door sensors, temperature, humidity, and air quality sensors, as well as water leakage sensors, enabling comprehensive environmental supervision. An optional SMS module allows instant alarm notifications, ensuring rapid response to critical conditions.

ENVIRONMENTAL MONITORING MODULE								
Product Code	Product Description	Size (U)	Width(w) (mm)	Depth (D) (mm)	Height (H) (mm)	Weight (Net) (kg)	Weight (Gross) (kg)	
AA-DC-EMS-1K-A	1 KABIN EMS MODULU (Main Modul (1), T&H Sensor (1), Smoke Sensor (1), Water Leakage Sensor (1), Door Sensor (2))	1U	482	-	-	-	-	
AA-DC-EMS-2K-A	2 KABIN EMS MODULU (Main Modul (1), T&H Sensor (2), Smoke Sensor (2), Water Leakage Sensor (2), Door Sensor (4))	1U	482	-	-	-	-	
AA-DC-EMS-3K-A	3 KABIN EMS MODULU (Main Modul (1), T&H Sensor (3), Smoke Sensor (3), Water Leakage Sensor (3), Door Sensor (6))	1U	482	-	-	-	-	
AA-DC-EMS-4K-A	4 KABIN EMS MODULU (Main Modul (1), T&H Sensor (4), Smoke Sensor (4), Water Leakage Sensor (4), Door Sensor (8))	1U	482	-	-	-	-	

(\*SMS Module is an optional add-on to Main Module. Please contact to your Sales Representative for further details.)

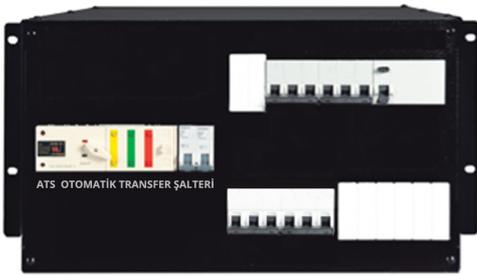
### ELECTRICAL DISTRIBUTION UNIT



Electrical Power Distribution Modules are specifically engineered to fully meet the electrical power distribution, control, and monitoring requirements of modern data center systems. Designed in compliance with international standards, these modules not only ensure reliable electrical performance but also offer ease of application and seamless integration. Full compatibility with a wide range of equipment and accessories enhances operational safety while supporting efficient and secure power management.

ELECTRICAL DISTRIBUTION UNIT								
Product Code	Product Description	Size (U)	Width(w) (mm)	Depth (D) (mm)	Height (H) (mm)	Weight (Net) (kg)	Weight (Gross) (kg)	
AA-EDP03U19-10KVA-A-S1	19" Rack Mount - 10 kVA EDU ( 3 x 40 A – C Type – 3P MCB – 10 kA ) ( Main Power Supply - Residual Current Device – Precision A/C – UPS Power Supply – UPS Return Line – PDU Power Supply – Spare Circuit Breaker )	3U	482	123	133	8	10	
AA-EDP03U19-15KVA-A-S1	19" Rack Mount - 15 kVA EDU ( 3 x 40 A – C Type – 3P MCB – 10 kA ) ( Main Power Supply - Residual Current Device – Precision A/C – UPS Power Supply – UPS Return Line – PDU Power Supply – Spare Circuit Breaker )	3U	482	123	133	8	10	
AA-EDP03U19-20KVA-A-S1	19" Rack Mount - 20 kVA EDU ( 3 x 40 A – C Type – 3P MCB – 10 kA ) ( Main Power Supply - Residual Current Device – Precision A/C – UPS Power Supply – UPS Return Line – PDU Power Supply – Spare Circuit Breaker )	3U	482	123	133	8	10	
AA-EDP03U19-30KVA-A-S1	19" Rack Mount - 30 kVA EDU ( 3 x 40 A – C Type – 3P MCB – 10 kA ) ( Main Power Supply - Residual Current Device – Precision A/C – UPS Power Supply – UPS Return Line – PDU Power Supply – Spare Circuit Breaker )	3U	482	123	133	8	10	
AA-EDP03U19-40KVA-A-S1	19" Rack Mount - 40 kVA EDU ( 3 x 40 A – C Type – 3P MCB – 10 kA ) ( Main Power Supply - Residual Current Device – Precision A/C – UPS Power Supply – UPS Return Line – PDU Power Supply – Spare Circuit Breaker )	3U	482	123	133	8	10	

## AUTO TRANSFER SWITCH (ATS) MODULE

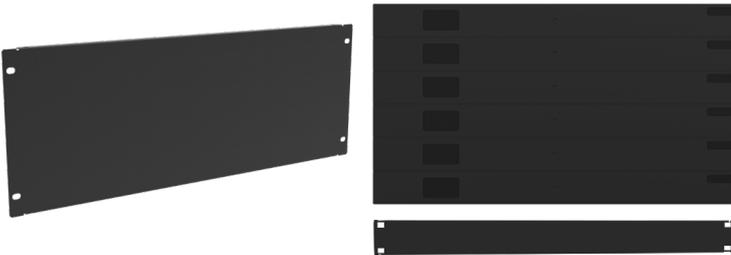


ATS Modules ; ensures continuous power supply by automatically transferring the load to the generator in the event of a failure of the primary power source. In general applications, it is installed at the generator location and continuously monitors the main power supply. In the event of a power outage or voltage and frequency fluctuations that fall outside defined limits, the ATS initiates the generator start sequence. Once the generator reaches stable voltage and frequency levels, the ATS transfers the load to the generator supply. When grid power is restored and remains stable for a defined cooling-down period, the generator is automatically shut down and the ATS returns to normal operation. All these operations are carried out automatically without the need for human intervention. Since the Automatic Transfer Switch (ATS) panel is connected between the primary and backup power sources, it acts as an electrically interlocked switching device, ensuring safe and reliable power transfer between sources.

### AUTO TRANSFER SWITCH (ATS) MODULE

Product Code	Product Description	Size (U)	Width(w) (mm)	Depth (D) (mm)	Height(H) (mm)	Weight (Net) (kg)	Weight (Gross) (kg)
AA-EDP06U19-10KVA-ATS-A-S1	19" Rack Mount - 10 kVA Rated Power ATS MODULE ( 4 x 63 A I-II Coil Operated ATS , 3 x 40 A - C Type - 3P MCB - 10 kA ) ( Main Power Supply - Residual Current Device - Precision A/C - UPS Power Supply - UPS Return Line - PDU Power Supply - Spare Circuit Breaker )	6U	482	123	133	16	20
AA-EDP06U19-15KVA-ATS-A-S1	19" Rack Mount - 15 kVA Rated Power ATS MODULE ( 4 x 63 A I-II Coil Operated ATS , 3 x 40 A - C Type - 3P MCB - 10 kA ) ( Main Power Supply - Residual Current Device - Precision A/C - UPS Power Supply - UPS Return Line - PDU Power Supply - Spare Circuit Breaker )	6U	482	123	133	16	20
AA-EDP06U19-20KVA-ATS-A-S1	19" Rack Mount - 20 kVA Rated Power ATS MODULE ( 4 x 63 A I-II Coil Operated ATS , 3 x 40 A - C Type - 3P MCB - 10 kA ) ( Main Power Supply - Residual Current Device - Precision A/C - UPS Power Supply - UPS Return Line - PDU Power Supply - Spare Circuit Breaker )	6U	482	123	133	16	20
AA-EDP06U19-30KVA-ATS-A-S1	19" Rack Mount - 30 kVA Rated Power ATS MODULE ( 4 x 63 A I-II Coil Operated ATS , 3 x 40 A - C Type - 3P MCB - 10 kA ) ( Main Power Supply - Residual Current Device - Precision A/C - UPS Power Supply - UPS Return Line - PDU Power Supply - Spare Circuit Breaker )	6U	482	123	133	16	20
AA-EDP06U19-40KVA-ATS-A-S1	19" Rack Mount - 40 kVA Rated Power ATS MODULE ( 4 x 63 A I-II Coil Operated ATS , 3 x 40 A - C Type - 3P MCB - 10 kA ) ( Main Power Supply - Residual Current Device - Precision A/C - UPS Power Supply - UPS Return Line - PDU Power Supply - Spare Circuit Breaker )	6U	482	123	133	16	20

## BLANK PANELS



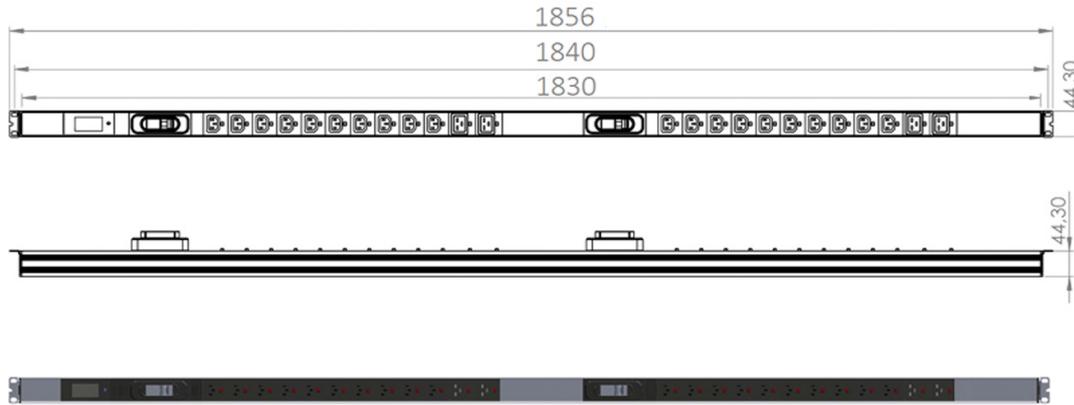
Blank panels are used in networking and data storage applications to cover unused or spare rack units, ensuring a clean and organized cabinet appearance.

By preventing uncontrolled hot and cold air mixing, they help optimize airflow management, improve overall cooling efficiency and thermal performance. Their simple installation and compatibility with standard 19-inch racks make them an essential accessory for maintaining efficiency and reliability in data center and IT environments.

### BLANK PANELS

Product Code	Product Description	Width(w) (mm)	Depth (D) (mm)	Height(H) (mm)	Weight (Net) (kg)	Weight (Gross) (kg)
AA-KPN01U19-A-S1-YY	1U 19" CLOSING PANELS	482	12	44	0,26	0,3
AA-KPN02U19-A-S1-YY	2U 19" CLOSING PANELS	482	12	88	0,43	0,51
AA-KPN03U19-A-S1-YY	3U 19" CLOSING PANELS	482	12	132	0,6	0,67
AA-KPN04U19-A-S1-YY	4U 19" CLOSING PANELS	482	12	176	0,77	0,91
AA-KPN05U19-A-S1-YY	5U 19" CLOSING PANELS	482	12	220	0,93	1,08
AA-KPN06U19-A-S1-YY	6U 19" CLOSING PANELS	482	12	264	1,1	1,29
AA-KPN-PLS-01U19-A-S1	1U - 19" Rack mountable Plastic Blank Panel , Toolless Fixing , Black Color	482	12	44,45	0,15	0,25
AA-KPN06U19-PS-S1	6U - 19" Rack mountable Plastic Blank Panel , Segmented break-off design, Toolless Fixing , Black color.	482	12	266,7	0,362	0,46

## POWER DISTRIBUTION UNITS



Power Distribution Units (PDUs) provide reliable and straightforward electrical power distribution for IT and data center environments. Thanks to their multi-outlet design, they allow multiple devices to be easily and safely connected to a single power source. Vertical PDUs are typically preferred for standard application scenarios where advanced features are not required, offering a cost-effective and practical solution for everyday power distribution needs. Their simple structure and compatibility with standard racks make them an ideal choice for efficient and organized power management.

POWER DISTRIBUTION UNITS	
Product Code	Product Description
AA-PRZ36U-16(8+8)C13-4C19-AL-VA-2XSG	36U VERTICAL PDU, 16 x IEC320 C13, 4 x IEC320 C19, INTEGRATED AMMETER, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ36U-16(8+8)C13-4C19-AL-2XSG	36U VERTICAL PDU, 16 x IEC320 C13, 4 x IEC320 C19, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC 60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-20(10+10)C13-4C19-AL-VA-2XSG	42U VERTICAL PDU, 20 x IEC320 C13, 4 x IEC320 C19, INTEGRATED AMMETER, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-20(10+10)C13-4C19-AL-2XSG	42U VERTICAL PDU, 20 x IEC320 C13, 4 x IEC320 C19, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-24(12+12)C13-6C19-AL-VA-2XSG	42U VERTICAL PDU, 24 x IEC320 C13, 4 x IEC320 C19, INTEGRATED AMMETER, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-24(12+12)C13-6C19-AL-2XSG	42U VERTICAL PDU, 20 x IEC320 C13, 4 x IEC320 C19, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ36U-16S(8+8)-AL-VA-2XSG	36U VERTICAL PDU, 16(8+8) x SCHUKO, INTEGRATED AMMETER, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ36U-16S(8+8)-AL-2XSG	36U VERTICAL PDU, 16(8+8) x SCHUKO, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC 60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-20S(10+10)-AL-VA-2XSG	42U VERTICAL PDU, 20(10+10) x SCHUKO, INTEGRATED AMMETER, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-20S(10+10)-AL-2XSG	42U VERTICAL PDU, 20(10+10) x SCHUKO, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC 60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-24S(12+12)-AL-VA-2XSG	42U VERTICAL PDU, 24(12+12) x SCHUKO, INTEGRATED AMMETER, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ42U-24S(12+12)-AL-2XSG	42U VERTICAL PDU, 24(12+12) x SCHUKO, 2 x 16 A CB, 2 m LONG H05VV-F POWER CABLE with 3 x 4 mm <sup>2</sup> , IEC 60309 32 A (2P+E) CEE PLUG
AA-PRZ47U-20(10+10)C13-4C19-AL-VA-2XSG	47U VERTICAL PDU, 20 x IEC320 C13, 4 x IEC320 C19, INTEGRATED AMMETER, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ47U-20(10+10)C13-4C19-AL-2XSG	47U VERTICAL PDU, 20 x IEC320 C13, 4 x IEC320 C19, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ47U-24(12+12)C13-6C19-AL-VA-2XSG	47U VERTICAL PDU, 24 x IEC320 C13, 4 x IEC320 C19, INTEGRATED AMMETER, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG
AA-PRZ47U-24(12+12)C13-6C19-AL-2XSG	47U VERTICAL PDU, 24 x IEC320 C13, 4 x IEC320 C19, 2 x 16 A CB, 250 V AC WITH RATED POWER 8.000 W, 3 m LONG POWER CABLE with 3 x 6 mm <sup>2</sup> , IEC60309 32 A (2P+E) CEE PLUG

SMART POWER DISTRIBUTION UNITS



Smart PDU measures electrical parameters for each phase. The integrated display shows the measured values and the status of the PDU. Additional external sensors (temperature, humidity, and air pressure) can be connected to the communication interface.

SMART POWER DISTRIBUTION UNITS	
Product Code	Product Description
AA-SMART-PDU-0U-16C13X4C19-AL-RCM-SG	METERED VERTICAL PDU ( INPUT : 230 V, 1 x 16 A ; OUTPUT : 16 x IEC320 C13, 4 x IEC320 C19 ; RESIDUAL CURRENT METERING ; W45 x D45 x H950 mm )
AA-SMART-PDU-0U-16C13X4C19-AL-SG	MONITORED VERTICAL PDU ( INPUT : 230 V, 1 x 16 A ; OUTPUT : 16 x IEC320 C13, 4 x IEC320 C19 ; W45 x D45 x H950 mm )
AA-SMART-PDU-01U19-12C13-RCM-SG	1U – 19" RACK MOUNT SWITCHED & OUTLET METERED PDU ( INPUT : 230 V, 1 x 16 A ; OUTPUT : 12 x IEC320 C13 ; INTEGRATED OVERVOLTAGE PROTECTION ; W439 x D178 x H44 mm)
AA-IPPRZ36U-16(8+8)C13-4C19-AL-2XSG	IP PDU 36U 16XIEC320 C13+ 4xIEC320 C19 SOCKET A 2x16A INSURANCE 8000WATT 250V AC 3x6mm2 3 METER CABLE IEC60309 PLUG 32A 2P+E CEE NORM
AA-IPPRZ42U-20(10+10)C13-4C19-AL-2XSG	IP PDU 42U 20XIEC320 C13+ 4xIEC320 C19 SOCKET A 2x16A INSURANCE 8000WATT 250V AC 3x6mm2 3 METER CABLE IEC60309 PLUG 32A 2P+E CEE NORM
AA-IPPRZ42U-24(10+10)C13-6C19-AL-2XSG	IP PDU 42U 20XIEC320 C13+ 4xIEC320 C19 SOCKET A 2x16A INSURANCE 8000WATT 250V AC 3x6mm2 3 METER CABLE IEC60309 PLUG 32A 2P+E CEE NORM
AA-IPPRZ47U-20(10+10)C13-4C19-AL-2XSG	IP PDU 47U 20XIEC320 C13+ 4xIEC320 C19 SOKETLI A 2x16A INSURANCE 8000WATT 250V AC 3x6mm2 3 METER CABLE IEC60309 PLUG 32A 2P+E CEE NORM
AA-IPPRZ47U-24(10+10)C13-6C19-AL-2XSG	IP PDU 47U 20XIEC320 C13+ 4xIEC320 C19 SOKETLI A 2x16A INSURANCE 8000WATT 250V AC 3x6mm2 3 METER CABLE IEC60309 PLUG 32A 2P+E CEE NORM

FIRE EXTINGUISHING MODULES



Our compact fire suppression system operates independently without the need for an external power supply and occupies only 2U of rack space inside the cabinet, ensuring maximum space efficiency. When required, dry contact outputs can be provided for integration with external alarm and monitoring systems. The actuator unit includes a 3V Li-ion battery, offering a service life of up to 5 years. Battery replacement is recommended to be carried out by authorized technical staff. The aerosol fire suppressing agent is UL certified and approved by EPA and SNAP, making it suitable for use in occupied environments. It is non-damaging to electronic equipment and leaves no harmful residue after discharge. The aerosol unit has a shelf life of up to 15 years. The actuator unit is CE, RoHS and UL certified, ensuring compliance with international safety standards.

This system consists of a NOVEC™ 1230 clean agent storage cylinder, a discharge valve, and a special polymer-based distribution tube with engineered rupture points. The cylinder is typically installed in the side compartment of the cabinet or, upon request, in the rear technical section. When the temperature inside the cabinet reaches 120 °C, the specially designed outlets on the distribution tube rupture, allowing the NOVEC™ 1230 extinguishing agent to be released rapidly and evenly into the protected volume. NOVEC™ 1230 clean agent is selected for its environmentally friendly properties, as it has zero ozone depletion potential and minimal global warming impact. The system is available with LPCB approval for protected volumes up to 2 m³, ensuring reliable and certified fire protection for critical IT infrastructure.



FIRE EXTINGUISHING SYSTEMS

Product Code	Product Description
AA-MFS-RACK-EX-2M	2U - 19" RACK MOUNTABLE THERMAL DETECTION AND 2 m3 FIRE EXTINGUSING SYSTEM (AEROSOL)
AG-MFS-NOVEC	NOVEC TUBING HOSE AND AEROSOL TANK (2 KG)