IN COOL MICRO DC CABINET SERIES

AGER IN COOL MICRO DC Series cabinets are engineered to deliver high efficiency, operational continuity, and precise environmental control for critical IT applications.Thanks to the evaporator unit integrated directly inside the cabinet, the heat generated by IT equipment is accurately controlled and effectively removed from the enclosed space.By positioning the compressor and condenser in the outdoor environment, thermal load, noise, and vibration are isolated from the cabinet interior, ensuring a stable and equipment-friendly operating environment. This architecture enhances overall energy efficiency while providing ideal operating conditions for sensitive IT equipment. With an infrastructure that is fully prepared for BMS / EMS integration and a design adaptable to varying power density requirements, AGER IN-COOL MICRO DC cabinets offer a reliable, scalable, sustainable, and future-ready solution for industrial and enterprise data center applications.

IP54 CE RoHS compliant

Color Options

RAL7035 Light Grey	RAL9005 Black

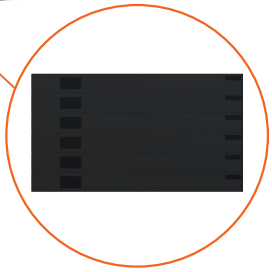
Smoke Sensor

Fire Sensor

Environment Monitoring System

Door Open Sensor

Tempereted Glass Front Door



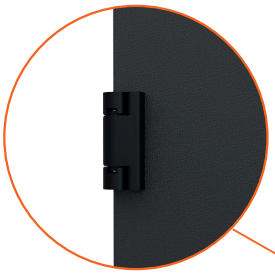
6U Segmented Plastic Blank Panels

Water-Level Sensor

19" Rack-Mountable UPS

A/C Split Interior Unit

Temperature, Humidity and Air Sensor

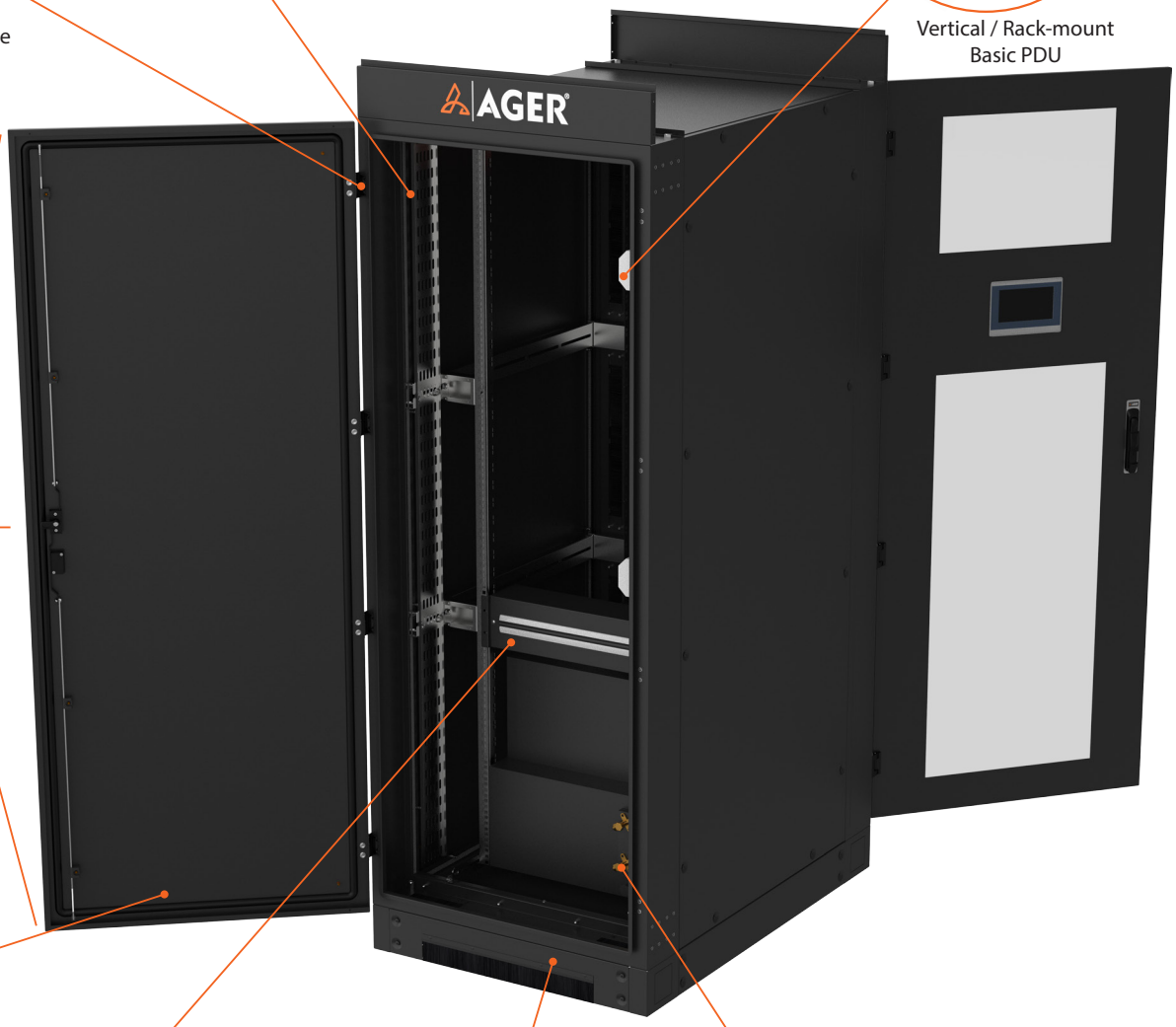


Aesthetic Edge-Mount Hinge
with 270° opening angle

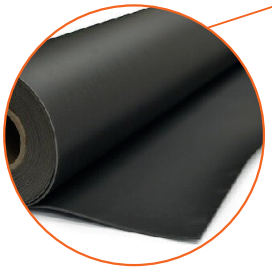
Cable Management Panel

Vertical / Rack-mount
SMART PDU

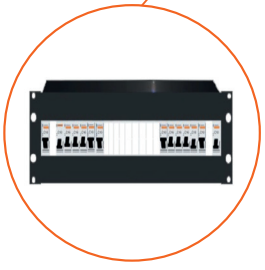
Vertical / Rack-mount
Basic PDU



3 Noktadan
Kilitlenebilir
Kollu Kilit Sistemi

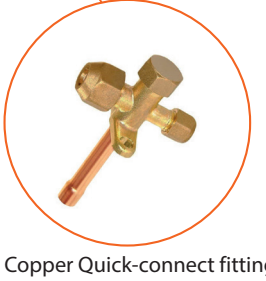


EPDM Insulating Material



Electrical Distribution Unit

Modular – Four side accessible
Plinth H=120 mm



Copper Quick-connect fittings

COOLING UNIT FEATURES

HIGH EFFICIENCY **TEMPERATURE CONTROL** **EASY MAINTENANCE**

1. Premium-grade inverter,compressor, condenser, evaporator, EC fans and control components operate in perfect coordination to maintain the cabinet interior at the desired temperature with high stability and efficiency.
Under low heat-load conditions, the system prevents compressor redundant engagement, significantly improves energy efficiency and reduces power consumption.

2. Thanks to standart 19” rack mount infrastructure provides, easy assembly and maintenance opportunities; provides flexibility on future capacity expansion demands.Front cool-air outlets create high flexibility for assembling the cooling unit on any U position in cabinet.

3. The precision cooling controller continuously monitors environmental conditions to ensure system integrity and stable operation.An external user interface (HMI) can be easily integrated to visualize, control and manage real-time data received from all environmental and system components.

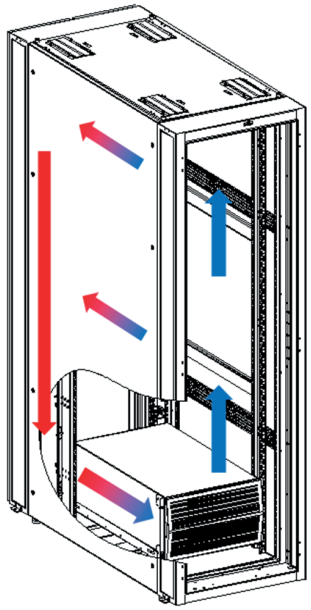
4. The cooling control unit can be fully integrated into Building Management Systems (BMS), enabling centralized monitoring, control and alarm management within the overall facility infrastructure.

5. The unit is engineered for optimal installation, ease of service, and safe transportation, reducing deployment time and minimizing maintenance effort throughout its operational life cycle.Sliding type Electrical unit, provides easy service and maintenance.

6. Since compressor unit deployed in the outdoor environment; thermal load, noise and vibration are isolated from cabinet and IT Equipments zone.

7. In line with our sustainability policy, the system utilizes environmentally friendly refrigerants with high energy efficiency and zero ozone depletion potential, delivering reliable cooling performance without harmful environmental impact.

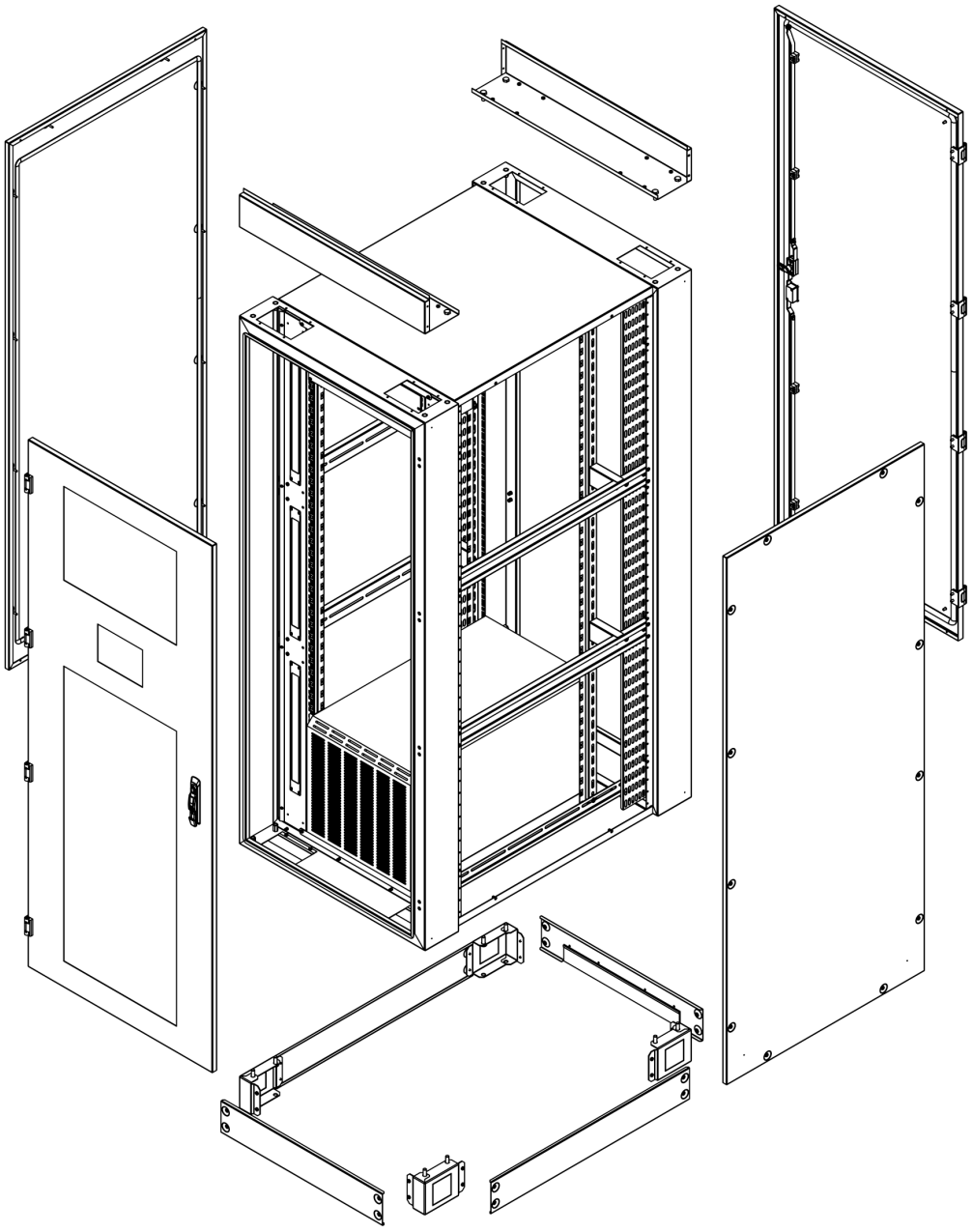
COOLING UNIT FEATURES



COOLING UNIT TECHNICAL DATA				
INTERIOR UNIT	**EM-KM-038**	**EM-KM-047**	**EM-KM-046**	**EM-KM-060**
1.Total Cooling Capacity (kW)	3,9	5,9	8,6	12,8
2.SHR - %	100	100	100	100
3.Airflow Volume (m3/h)	700	1100	1200	2400
4. Mounting Type	Rack	Rack	Rack	Rack
5.Height (mm)	266(6U)	355(8U)	445(10U)	533(124)
6.Depth (mm)	828	828	828	828
7.Width (mm)	483	483	483	483
8.Weight (kg)	31	43	52	70
9.Reheater Capacity (kg/h)	1.2	1.2	1.2	2.4
10.Input Power	208-240V/50-60Hz/1-2 Phase	208-240V/50-60Hz/1-2 Phase	208-240V/50-60Hz/1-2 Faz	208-240V/50-60Hz/3 Phase
11.Full Load Current (A)	13.9	15.2	21.6	18
DIŞ ÜNİTE	**EM-KM-038-O**	**EM-KM-047-O**	**EM-KM-046-O**	**EM-KM-060-O**
Height (mm)	632	790	790	1240
Depth (mm)	395	420	420	420
Width (mm)	800	800	800	800
Leg height (mm)	-	-	-	-
Weight (kg)	35	38	50	77
Input Power	208-240V/50-60Hz/1-2 Phase	208-240V/50-60Hz/1-2 Phase	208-240V/50-60Hz/1-2 Phase	208-240V/50-60Hz/3 Phase
Full Load Current (A)	12.6	13.2	19,6	16

(NOTES:
1. Air flow is based upon standard fan speed.Fan speed modulates per real loads.
2. Cooling capacity calculated as based on 37°C return-air temperature , 24% relative humidity and 35°C ambient temperature.
3. Interior unit full load current value covers exterior unit full load current value.Exterior unit power suppled by interior unit.
4. Standard A/C unit operates above -15°C weather temperatures.To operate unit above -35°C , “Low Temperature Kit” needed.
5. Optionals : SNMP Monitoring protocol, Double Power Input, Leak Detector.
6. Values in table are subject to change as part of product updates.)

CABINET GENERAL FEATURES



Material and IP Class
- 1.5 mm DKP
- Standart as IP54

Color Options
- RAL9005 Black

Accessories
- Please contact with Sales Representative for compatible accessories.

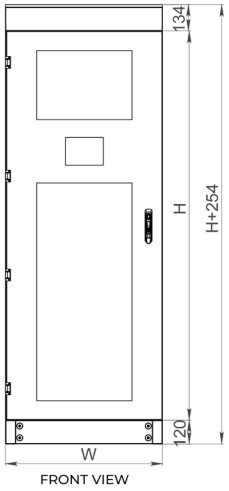
Doors
- Door options are available.
- Doors openable 270˚.
- Left & Right opening adjustable

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

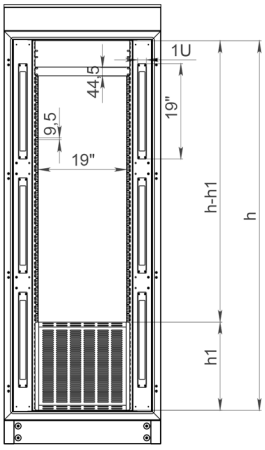
Side Panels
- Detachable side panels

Loading Capacity
- 1500 kg stable static loading capacity

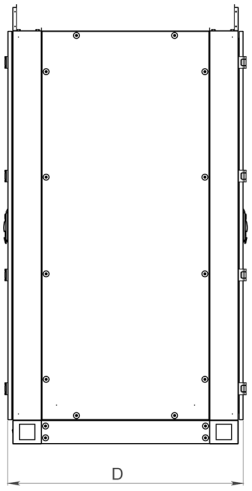
Grounding
- H=120 mm Plinth as standard



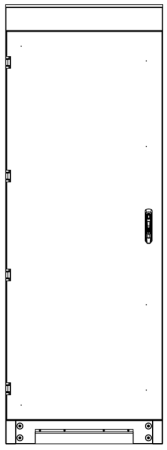
FRONT VIEW

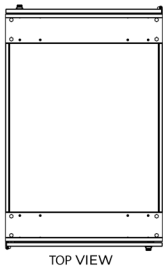


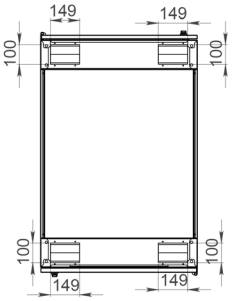
FRONT VIEW WITHOUT DOOR



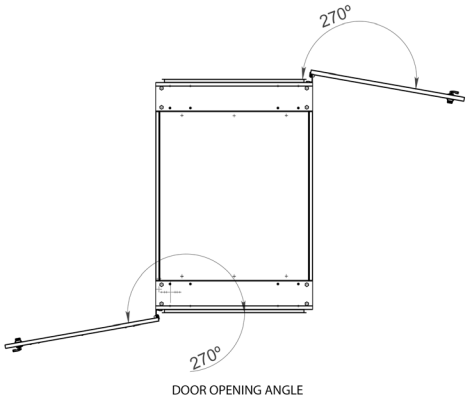
SIDE VIEW


REAR VIEW

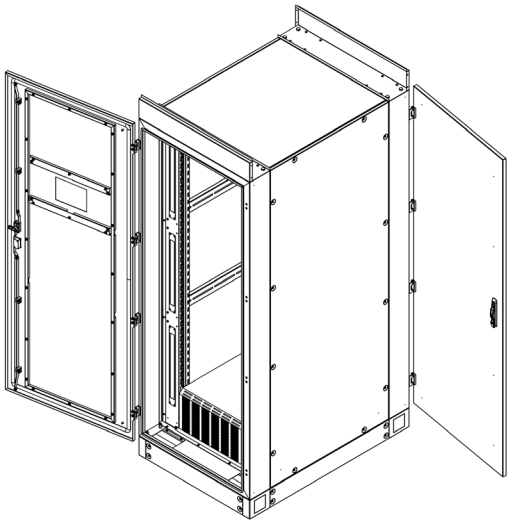

TOP VIEW



BOTTOM VIEW



DOOR OPENING ANGLE

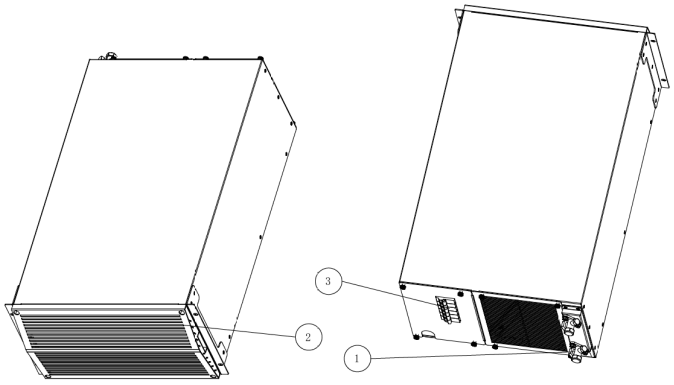

ISOMETRIC VIEW

IN COOL MICRO DC CABINETS							
Product Code	Product Description	Size (U)	Width(W) (mm)	Deepth (D) (mm)	Height (H) (mm)	Weight * (Net) (kg)	Weight * (Gross) (kg)
AG-MC36U6012XX-CBAA-A-M1	36U 19" W=600 AGER IN COOL - IP54 INDOOR MICRO DC CABINET	36U	600	1200	1702	140	144
AG-MC36U8012XX-CBAA-A-M1	36U 19" W=800 AGER IN COOL - IP54 INDOOR MICRO DC CABINET	36U	800	1200	1702	150	154
AG-MC42U6012XX-CBAA-A-M1	42U 19" W=600 AGER IN COOL - IP54 INDOOR MICRO DC CABINET	42U	600	1200	1968	170	174
AG-MC42U8012XX-CBAA-A-M1	42U 19" W=800 AGER IN COOL - IP54 INDOOR MICRO DC CABINET	42U	800	1200	1968	190	194
AG-MC47U6012XX-CBAA-A-M1	47U 19" W=600 AGER IN COOL - IP54 INDOOR MICRO DC CABINET	47U	600	1200	2190	200	204
AG-MC47U8012XX-CBAA-A-M1	47U 19" W=800 AGER IN COOL - IP54 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

1. SHUT OF VALVE
2. THE FRONT PANEL
3. BREAKER



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.

Evaporator : Acting as the primary heat exchange element, the evaporator enables efficient cooling by allowing the refrigerant to evaporate and extract heat from the airflow passing across its surface.

Expansion Valve: Functioning as the system's control and regulation point, the electronic expansion valve precisely controls refrigerant flow by reducing condenser outlet pressure and delivering the required mass flow to the evaporator.

Condenser : The condenser enables heat rejection by dissipating the heat absorbed by the refrigerant from the conditioned space to the ambient air.

Fans : Electronically commutated (EC) fans regulate airflow during the cooling cycle by extracting warm air from the equipment and evenly distributing cooled air, delivering high efficiency, low noise levels, and precise airflow control.

High and low pressure switches and sensors : Continuously monitor the refrigerant pressure within the system.When predefined pressure set-values are reached, they are activated and transmit alarm signals to the controller, ensuring system protection, safe operation, and long-term reliability.

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.

Filter Drier : The filter drier is a protective component installed in the refrigerant circuit to absorb moisture, remove contaminants and particles, and reduce the formation of acids.By maintaining refrigerant purity, it contributes to system reliability, efficiency, and extended component lifespan.

Touchscreen Display : Serves as the human–machine interface (HMI) of the system.It allows users to monitor operating status and performance parameters, as well as to perform configuration and control adjustments in an intuitive and user-friendly manner.

Oil Seperator : Separate the lubricating oil from the high pressure gas refrigerant discharged from the refrigeration compressor to ensure the safe and efficient operation of the compressor.

Reheater Unit : An electrically powered reheat module designed to maintain the desired ambient temperature during dehumidification processes. By preventing overcooling, it enables precise control of both temperature and relative humidity. The unit is equipped with built-in over-temperature protection to ensure safe and reliable operation.

TOUCHSCREEN DISPLAY							
Product Code	Product Description	Size (U)	Width(W) (mm)	Deepth (D) (mm)	Height (H) (mm)	Weight (Net) (kg)	Weight (Brüt) (kg)
EM-KM-055	7" DISPLAY FOR COOLING UNIT	145	204	34	145	1,5	2

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 (≥0.99)
- Wide Input Voltage Range (110V ~ 300V)
- Output power factor ≥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)	Deepth (D) (mm)	Height (H) (mm)	Weight (Net) (kg)	Weight (Brüt) (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

Door Sensor

Temperature, Humidity, and Air Quality Sensor

Main Module

*SMS Module

Water Sensor

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.

ENVIRONMENT MONITORING MODULE							
Product Code	Product Description	Size (U)	Width(W) (mm)	Deepth (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	-	-	-	-

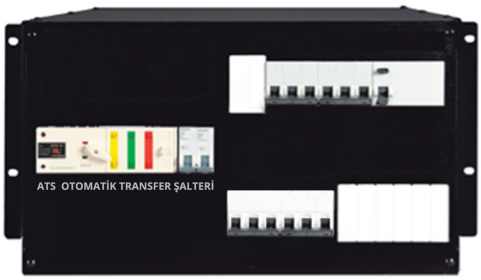
(*SMS Module is an optional add-on to Main Module.Please contact to your Sales Representative for further details.)

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)	Deepth (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

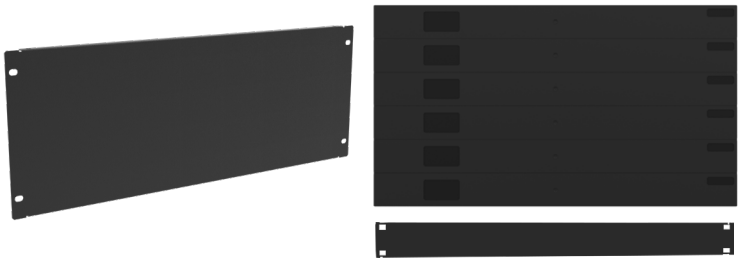
AUTO TRANSFER SWITCH (ATS) MODULE



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)	Deepth (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

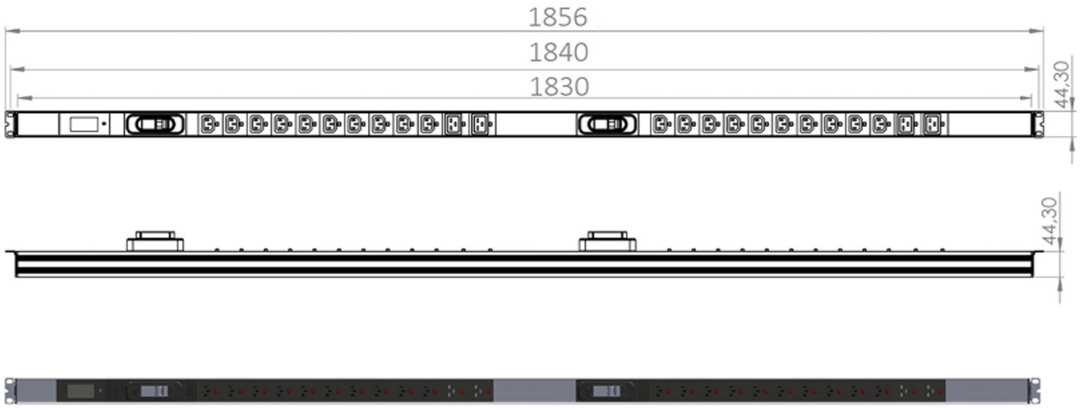
BLANK PANELS



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)	Deepth (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

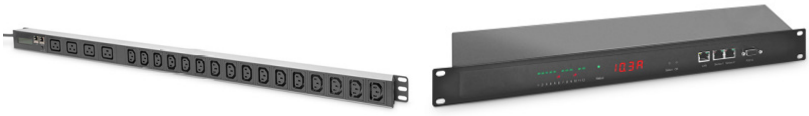
POWER DISTRIBUTION UNITS



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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , 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 mm2 , IEC60309 32 A (2P+E) CEE PLUG

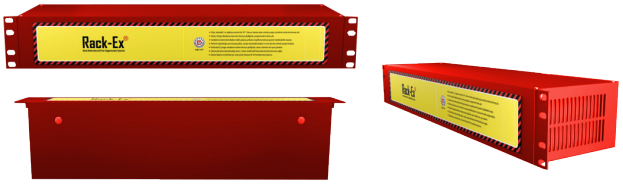
SMART POWER DISTRIBUTION UNITS



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 W
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 SOCKET 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 SOCKET 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 m^3, 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)