

UPCOM

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**Power Distribution Unit (PDU) and
LED Lighting Units**
Production Catalogue 2023



Best Suiting Turnkey Solutions for Advanced Technologies

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about us

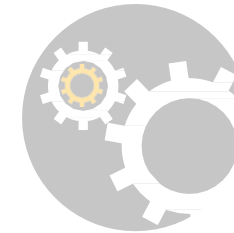
With our experience since 1990, we provide our customers with **personalized, dynamic, international standard leading technologies.**

We are progressing with the aim of being an effective player **globally** with our team who took a role since the beginning and shaping of the industry in our country.

As UPCOM, being involved in every field where communication technologies are used since their establishment in our country, we manufacture accessories used in infrastructure systems as well as installing them.

We adopt are constantly developing the skills necessary to maintain dynamic, pioneering, international standards-based system

our service principles



“Zero Problem” Policy

By staying in coordination with all units affecting the project, it is a priority to notify possible problems in advance, to develop solutions, and to prevent cost and time loss with pre-production studies. It is also a part of our policy that the systems we install can operate smoothly and remain up-to-date for many years.



Teamwork

Team spirit is taken as core, while the awareness of individual responsibility is formed, coordination is maintained, and our team members add their experienced skills.

It creates the business and individual ground to enable employees to develop themselves, increase their competencies and abilities, and maximize internal harmony and efficiency.



Occupational Safety Priority

UPCOM, which undergoes regular occupational safety trainings and controls, aims to create an accident-free work environment. Being aware of life-threatening dangers, complying with all occupational safety rules in all working conditions.



Customer Satisfaction

UPCOM, which prioritizes the needs of its customers, aims to offer solutions that are personalized, need-oriented and suitable for long-term use, with the most advanced technologies, by analyzing their needs.

After-sales services are offered as well.

our production principles



Producing the Quality

We believe that quality is not acquired at the final check but begins with the design.

From the moment we learn your demands, we design the most optimum and long-lasting solution for your system, prioritize quality at every stage of production and test it in our quality control processes.



Delivery on Time

UPCOM products can travel for long periods while being distributed all over the world.

We understand the importance of following shipment deadlines and we work diligently to maintain our zero delay rate.



Trust in the Product and Services

With our confidence in our product and production process, we believe that our products are one of the strongest links of the chain in the systems they are used.

We pride ourselves on the trust in our products and in providing the most suitable solution.

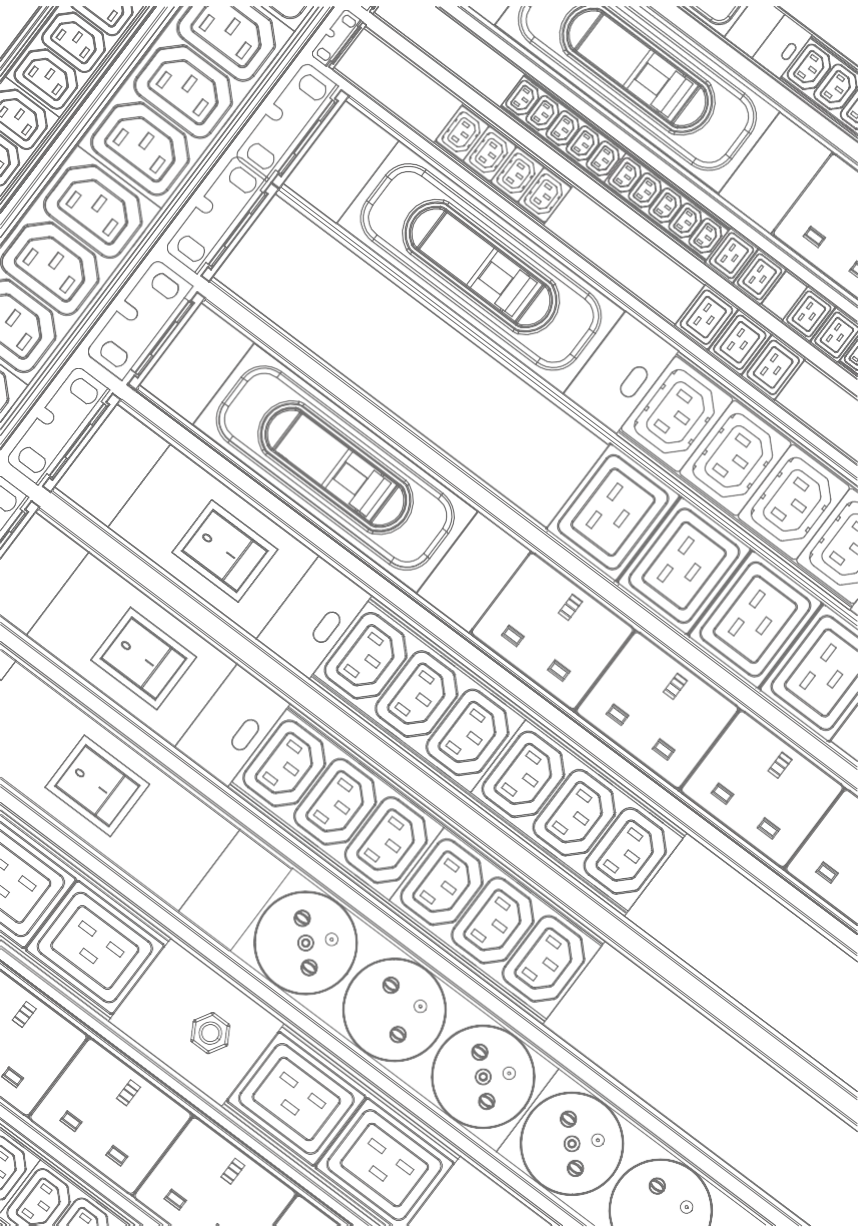


Lifetime Product Satisfaction

We are always with you for your questions and needs about the product with our aftersales services. UPCOM products stand out with their trouble-free operation for years, after-sales support and user-oriented custom solutions.



Power Distribution Units (PDU)



UPCOM Power Distribution Unit

We know the importance of the data, devices and the uninterrupted performance in your data centers.

UPCOM Power Distribution Units provide the energy and security in all systems and devices, especially in data centers.

With our products designed based on efficiency, longevity and durability, our standard or personalized model options can offer the best fit solutions to users.

Custom Made Design

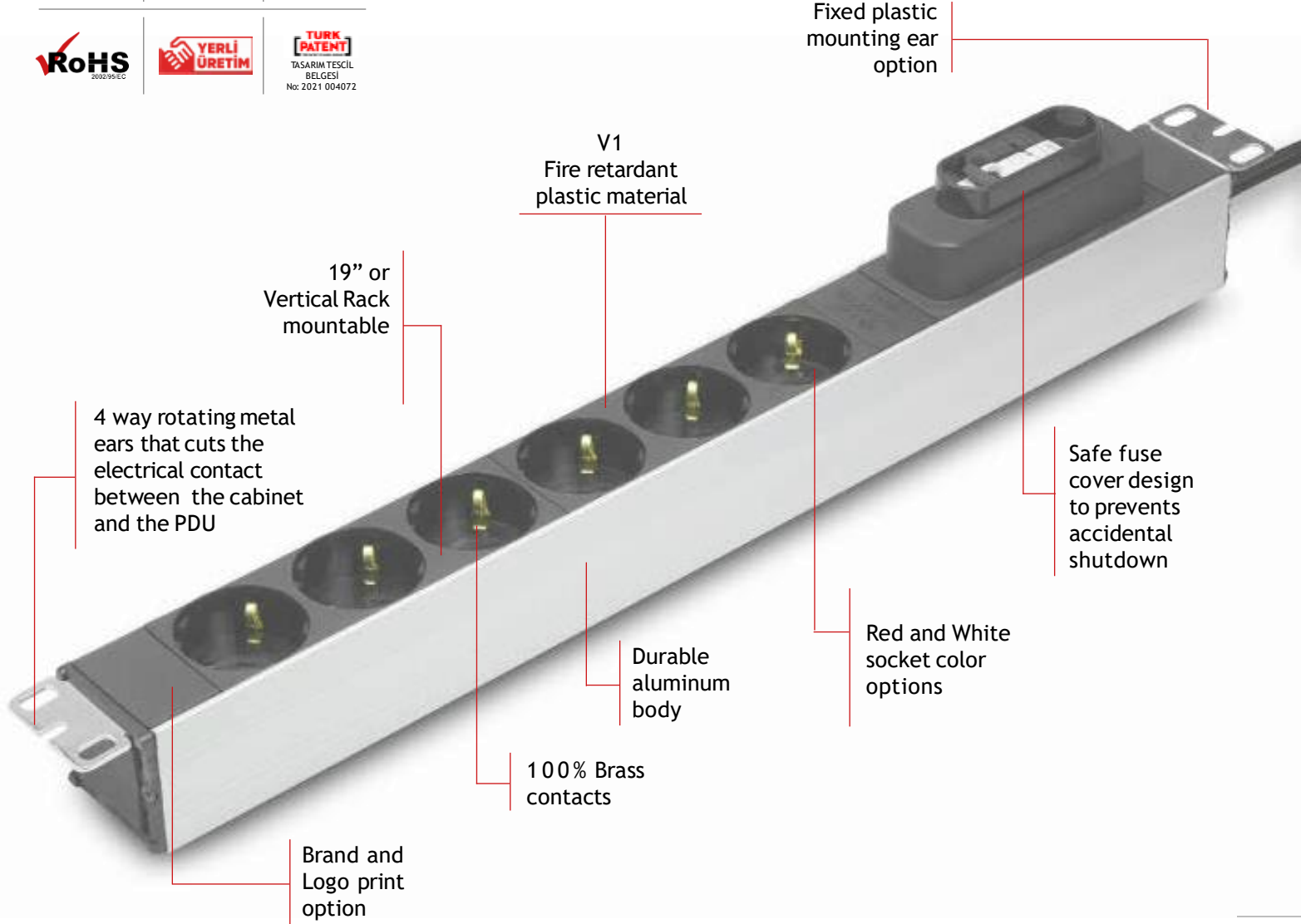
Apart from the product options presented , we also offer custom made PDU’s with our flexible, fast, qualified design and production process.

Starting from a single socket, we offer PDUswith all features and combinations -with OEM option.

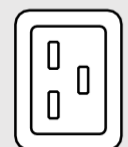
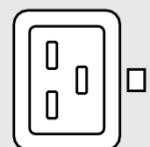
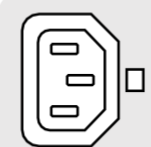
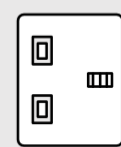
Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5° C - +45° C
Storage Temperature	-25° C - +65° C

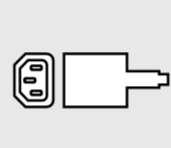
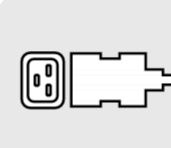
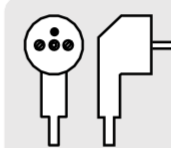
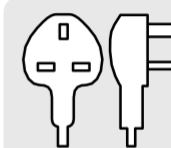
Certificates



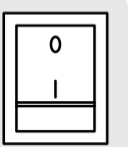
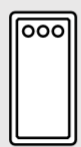
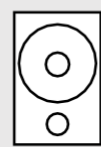
Socket Types

IEC 320
(C 19)IEC 320
(C19 Locked)IEC 320
(C 13)IEC 320
(C 13 Locked)Schuko (German)
DIN 49440UPS (French)
DIN 49441UK
BS 1363

Plug Types

5 Pin CEE Norm
EN 60309
Industrial3 Pin CEE Norm
EN 60309
IndustrialIEC320
C 14IEC320
C 20UPS (French)
DIN 49441UK
BS1363

Protection and Control Type

ON / OFF
SwitchEMI
FilterButton
FuseSurge
ProtectorMultimeter
ScreenVolt/
AmpermeterCircuit
BreakerResidual
Current Fuse

Socket Number

1+X

Socket
number on
demand

Socket Color



Black



Red



White

Cable Length

1 m. | 1,5 m. | 1,8 m. | 2 m. | 2,5 m. | 3 m. | 5 m.

Cable Diameter

3 x 1,5 mm² | 3 x 2,5 mm² | 3 x 4 mm² | 3 x 6 mm² | 5 x 4 mm² | 5 x 6 mm²

Product Coding System

WW-79XY-ZZQQFFNN-JJ-DD-KM-PP-PK**WW**Brand Name
DR UPCOM**79**Product Category
(Rack Accessories)**X**PDU Length
5 19" Horizontal
6 Vertical PDU
7 Home Series
8 10" PDU**Y**Electrical Phase
1 Single Phase
3 Three Phase**ZZ**

Socket Number

QQSocket Type
00 Schuko German
U UK
U French (UPS)
C C13
D C19
K Locked C13
L Locked C19**FF**

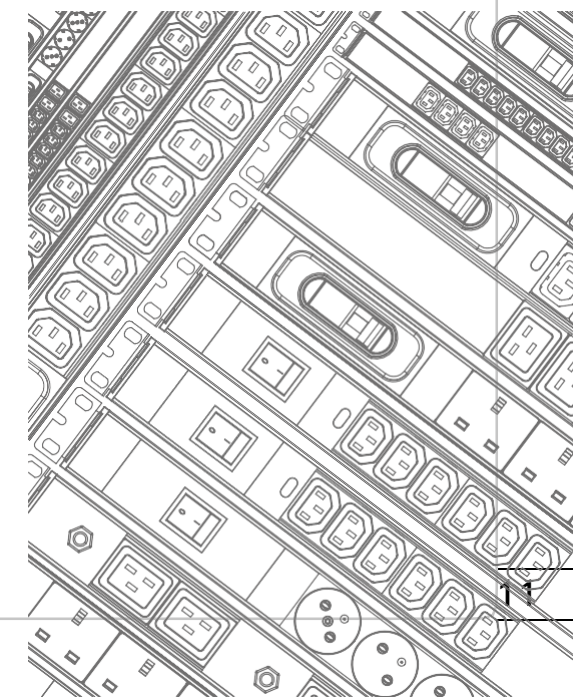
Number of Protection

NN

Protection/Control Type

F Circuit Breaker
S On/Off Switch
P Surge Protector
A Ampermeter
V Voltmeter
M Volt/Ampermeter
W Multimeter
E EMI Filtered Surge Protector
BF Button Fuse
BL Button Fuse with Light
L Light**JJ**PDU Height
42 42 U
.....
36 36 U**DD**Cable Diameter
00 3x1,5mm²
01 3x2,5mm²
02 3x4mm²,
03 3x6mm²
05 3x10mm²
10 5x1,5mm²
11 5x2,5mm²
12 5x4mm²
13 5x6mm²**KM**Cable Length
2M 2 Meter
3M 3 Meter**PP**Plug Type
C14 C14 Plug
32 32A CEE Norm Plug
16 16A CEE Norm Plug
K Electric Terminal**PK**

Plastic Mounting Ear



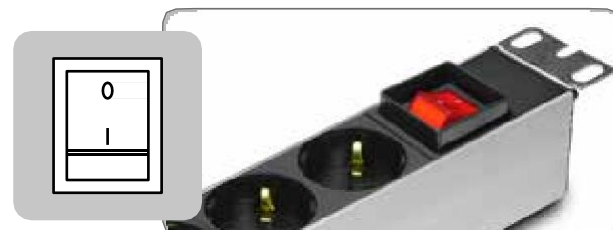
Protection and Control

**Circuit Breaker**

Automatic fuses protect your devices by automatically cutting the electrical current in case of excessive current or short circuit in the electrical installation.

It can also be turned on and off manually.

Power and brand on demand.

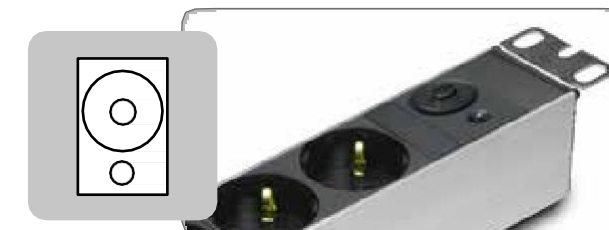
**ON/OFF Switch**

With the ON/OFF switch, you can manually pass through or cut the electrical current in your devices.

Our ON/OFF switches are illuminated and show that there is energy by illuminating during the “ON” position.

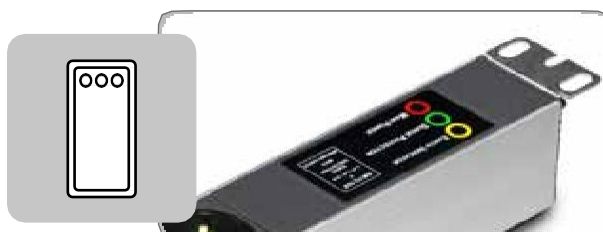
**Volt/Ampermeter**

Volt/ampermeter does not provide protection for your devices. You can instantly monitor the voltage and current on your device.

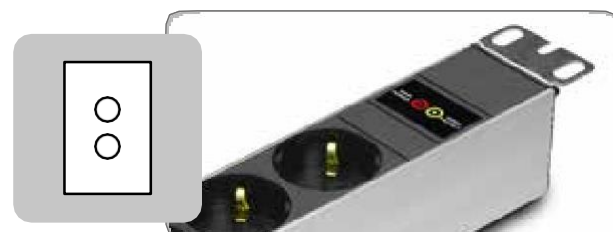
**Button Fuse**

The button will go up in case of overload, only needs to be pushed back to be set again.

It is responsive and could not be turned on or off manually.

**EMI Filter**

EMI Filters protect against the harmful impacts of electromagnetic interference by reducing high frequency electronic noise.

**Surge Protector**

One of the biggest risks for electrical equipments is the sudden voltages spikes that lightning or similar interference can cause.

These voltages can cause severe damage to electrical devices.

Surge protector (arrestor) protect devices from voltage spikes in alternating current (AC)

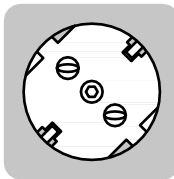
**Multimeter Screen**

Multimeter Screen does not provide protection but allows you to locally meter:

- Volt / Amper
- Watt
- Environment Temperature
- Total Operating Time
- kWh for operating time
- Power Factor

**Residual Current Fuse**

The Residual Current Fuse, which closes itself automatically in cases such as the failure of the connected devices, liquid spillage, deformation of the cables, and someone touching the energized areas, prevents any damage from electric shock, and ensures instant shutdown of the system even in the smallest uncontrolled current (30 mA).



Schuko (German / DIN49440) Socket Power Distribution Units

Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 16A (220 V AC) Power
- Way Rotating Metal Mounting Ear or Fixed Plastic Mounting Ear Option
- Protection and Control Options
- Horizontal (1U - 2U) or Vertical Mounting Options
- Socket number on demand (2+ Sockets)
- Combinations with different socket types
- Cable Length,diameter and Plug type on demand

Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5 °C - +45 °C
Storage Temperature	-25 °C - +65 °C

Certificates



Vertical PDU
Configurations
Options
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse

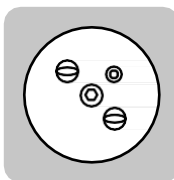


Volt/Amperemeter



Multimeter





UPS (French / DIN49441) Socket Power Distribution Units

Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 16A (220 V AC) Power
- Way Rotating Metal Mounting Ear or Fixed Plastic Mounting Ear Option
- Protection and Control Options
- Horizontal (1U - 2U) or Vertical Mounting Options
- Socket number on demand (2+ Sockets)
- Combinations with different socket types
- Cable Length,diameter and Plug type on demand

Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5 °C - +45 °C
Storage Temperature	-25 °C - +65 °C

Certificates



Vertical PDU
Configurations
Options
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse

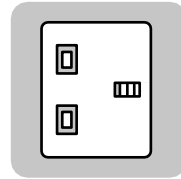


Volt/Amperemeter



Multimeter





UK (BS1363) Socket Power Distribution Units

Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 13A (220 V AC) Power
- Way Rotating Metal Mounting Ear or Fixed Plastic Mounting Ear Option
- Protection and Control Options
- Horizontal (1U - 2U) or Vertical Mounting Options
- Socket number on demand
- Combinations with different socket types
- Cable Length,diameter and Plug type on demand

Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5 °C - +45 °C
Storage Temperature	-25 °C - +65 °C

Certificates



Vertical PDU
Configurations
Options
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse

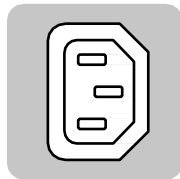
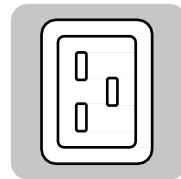


Volt/Amperemeter



Multimeter





IEC320 (C13-C19) Socket Power Distribution Units

Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 10A (220 V AC) Power for C13 Sockets, 16A(220 V AC) Power for C19
- Way Rotating Metal Mounting Ear or Fixed Plastic Mounting Ear Option
- Protection and Control Options
- Horizontal (1U - 2U) or Vertical Mounting Options
- Socket number on demand (1+)
- Combinations with different socket types
- Cable Length,diameter and Plug type on demand

Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5 °C - +45 °C
Storage Temperature	-25 °C - +65 °C

Certificates



TASARIM TESCİL
BELGESİ
No: 2021 004072

Vertical PDU
Configurations
Options
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse

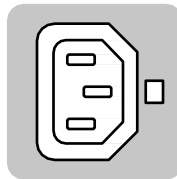
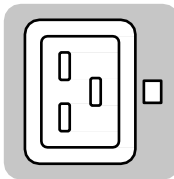


Volt/Amperemeter



Multimeter





IEC320 (C13-C19) Socket Power Distribution Units

Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 10A (220 V AC) Power for C13 Sockets, 16A(220 V AC) Power for C19
- Way Rotating Metal Mounting Ear or Fixed Plastic Mounting Ear Option
- Protection and Control Options
- Horizontal (1U - 2U) or Vertical Mounting Options
- Socket number on demand (1+)
- Combinations with different socket types
- Cable Length,diameter and Plug type on demand

Technical Features

Max. Output Power	4000 W - 24000 W
Nominal Input Voltage	100 V - 250 V
Max. Total Current Draw	16 A - 63 A
Operable Humidity	% 5-95
Operable Temperature	-5 °C - +45 °C
Storage Temperature	-25 °C - +65 °C

Certificates



Vertical PDU
Configurations
Options
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse



Volt/Amperemeter



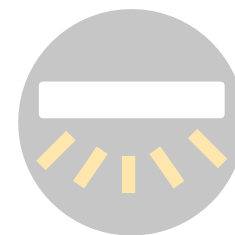
Multimeter





LED Lighting Module

We have designed our LED Lighting Modules to facilitate the dark and hard working conditions of the Rack Cabinets' inside and outside environment during both installation and use.

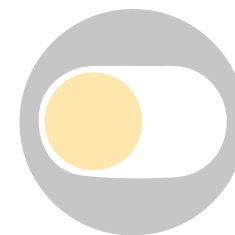


Rack Cabinet
Interior Lighting



Magnetic Hold Option

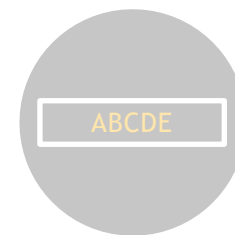
Magnet option eliminates the need for installation and the light source can be easily moved to the desired location.



Motion Sensor/Door Switch
Options for 19" Models



Double color option
for models with
Motion Sensor



Illuminated Brand/Logo
option for models with
Motion Sensor





19" LED Lighting Module



Product Code

7952-S	19" ½U ON/OFF Switch LED Lighting Module
7952-L1S	19" 1/2U Door Switch LED Lighting Module
7952-L2S	19" 1/2U Motion Sensor LED Lighting Module

Technical Features

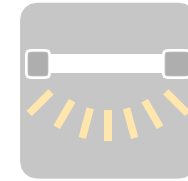
Material	Fire Retardant Nylon v2 Plastic+Opaque Diffuser
Body Material	1/2U Fire Retardant Nylon v2 Plastic Body
Additional Module Option	Available
Power Adapter	220 VAC / 12 VDC - 1A
Cable Length	2Mt
Mounting	19" - 1/2 U Rack Mountable Magnetic Hold
Lighting Color	6000Kelvin
Total Power	500 - 600 mA (6-8W)
Warranty	24 Months (On production based defects)
Cable Socket Type	12V DC Power Jack
Max Output Power	500-600 mA (6-8W)
Operating Voltage	12 VDC
Operable Humidity	% 5-95
Operable Temperature	-5 °C to +45 °C
Storage Temperature	-25 °C to +65 °C

Certificates



Features

- RAL9005 1/2U Fire Retardant Plastic Body
- 19" Rack Mountable
- Easy usage on desired area with with the magnetic hold option
- Lighting at more than one point with additional module controlled from the main center
- Paintable body
- Illuminated Brand / Information Area
- Color determination option in double color (White / Blue - Red - Green)



Aluminum Body LED Lighting Module



Product Code

7952 - L3S -33	33 cm. ON/OFF Switch Aluminum LED Lighting Module
7952 - L3SE - 33	33 cm. Door Switch Aluminum LED Lighting Module

Technical Features

Material	Aluminum Body + Opaque Diffuser
Body Material	Aluminum
Additional Module Option	Not Available
Power Adapter	220VAC / 12VDC - 1A
Lighting Color	6000 Kelvin
Total Power	300-400 mA (4W)
Warranty	24 Months (On production based defects)
Cable Socket Type	12V DC Power Jack
Operating Voltage	12VDC
Operable Humidity	% 5-95
Operable Temperature	-5 °C to +45 °C
Storage Temperature	-25 °C to +65 °C

Certificates



Features

- **Special design production possibility**
- 10 - 25 - 33 cm. size options
- Aluminum body
- Easy usage on desired area with with the magnetic hold option
- Paintable Body
- ON/OFF or Door Switch Options

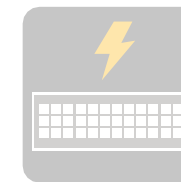
Opsiyonlar

- 1 DC supply with protective cover
- 2 On / Off
- 3 DC Supply
- 4 Mono Jack inputs
- 5 Magnetic clips
- 6 Steel clips

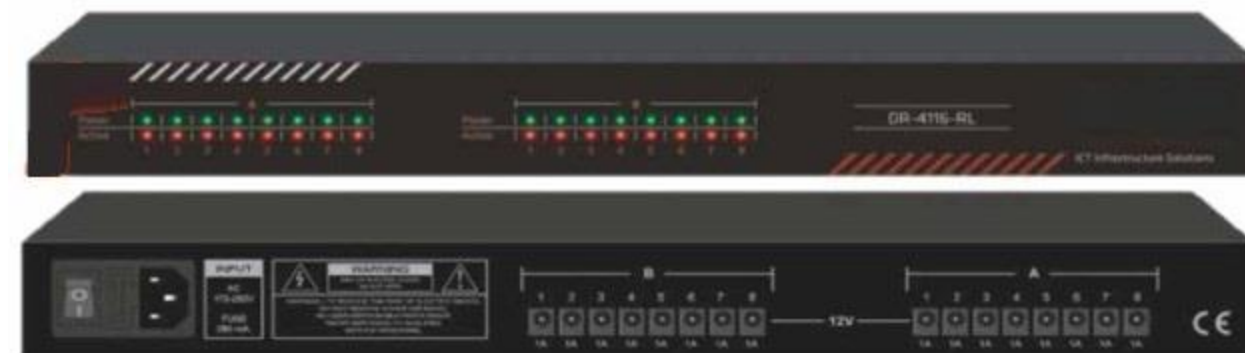
Research & Development

The solution you need may not be available yet.

With our production capacity and technical knowledge, we can develop special solutions and products for your systems.



DC Power Distribution Units (DC PDU)



Features

For devices operating with DC voltage between 5-9-12-15 Volts, DC supply units with 8 or 16 outputs in 19" Rack standards or desktop (8 outputs) with a total output power of 5 A - 25 A, showing the working status of the green and red LED system .



Certificates



Technical Features

Dimensions	480 x 44,5 x 200 mm.
Weight	1,2 kg.
Total Output Power	12 VDC - 240 W
Total Output Number	8 - 16 Socket
Measures	Input Voltage Output Voltage Output Current
Input Voltage	100 - 240 VAC
Output Voltage	12 - 24 VDC
Protection	IP 44



Waterproof LED Lighting Unit

Waterproof LED Lighting System for Harsh Environments

It has been specially developed to provide ambient lighting in harsh working conditions.

Our product group, which we have developed in line with the demands from the shipyards, prioritizes work safety with 24 V AC/DC operating voltage, provides functionality by being able to be transported by forklift, and with the add-on Lighting unit structure, it gave the opportunity to create a series using a single power unit.

Also the design of the led module without sharp lines minimized the damage to the environment in yacht modification.

It is the ideal solution for shipyards, construction sites and industrial areas with its ease of use, resistance to harsh physical conditions, and high safety standards.



Features

- Easy assembly with steel clip
- Low load and easy transport with light plastic body
- Preventing damage to the surfaces in contact with the main body with a rounded corner design
- Eye• friendly illumination with 3000K - 6500K 12 W
- Protection from electric shocks with 24 V DC operating voltage, high work safety
- Preventing LED damage as a result of incorrect connection with polarizer protection
- Easy sequential connection with double• sided cable connection

Technical Features

Dimension	50 cm. 100 cm.
Weight	630 gr. 930 gr.
Light	6500 K
Operating Voltage	24 V DC
Working Power	12 W

Certificates



Central Power Distribution Unit

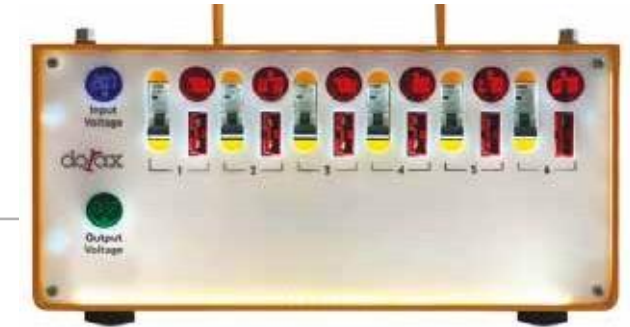
Central Power Distribution Unit Suitable for Use in Harsh Environments

It has been specially developed to provide ambient lighting in harsh working conditions.

With its ease of use, resistance to harsh physical conditions, high security it is the ideal solution for shipyards, construction sites and industrial areas with its standards.

Features

- 5 mm thick durable steel body against harsh conditions
- High weight resistant rubber feet
- Rectified and filtered output power
- Power distributed and managed from a single center
- Separate fuse protection for each output and load control with ampereter
- Ventilation inside the device with a fan
- Illuminated front panel
- Multiple distribution channels (6-12 independent outlets)
- Input and output voltage indicators
- High efficiency low volume torodial power transformer
- Design suitable for handling by hand and forklift
- Power input controlled by fuse and switch
- Fuse cover design to protect against unwanted shutdown by hand contact



Technical Features

Dimension	450 x 665 x 350 mm.
Weight	77 kg. 104 kg.
Total Output Power:	5000 VA 200 A 12000 VA 500 A
Total Output Number:	6 Socket 12 Socket
Measures	Input Voltage Output Voltage Output Current
input Voltage	220 V AC
Output Voltage	24 V DC
Ventilation	Constant Speed Fan

Certificates

