



# Power Distribution Units (PDU)



DDN: 08-002-2023-01-B

## Production Catalogue 2023





# Best Suiting Turnkey Solutions for Advanced Technologies

innovation  
& solution

## About Us

About Us .....	4
Our Service Principles .....	5
Our Production Principles .....	6

## Power Distribution Units (PDU)

General Features .....	8
Combinations .....	10
Types of Control and Protection .....	12
Schuko Socket PDU Models .....	14
UPS Socket PDU Models .....	16
UK Socket PDU Models .....	18
IEC 320 Socket PDU Models .....	20
IEC 320 Locked Socket PDU Models .....	22
NEMA Socket PDU Models .....	24
ECO Serise PDU Models .....	26

# 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 doraks, 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.



## Team Work

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

Dorax, 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

Dorax, 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

Dorax 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

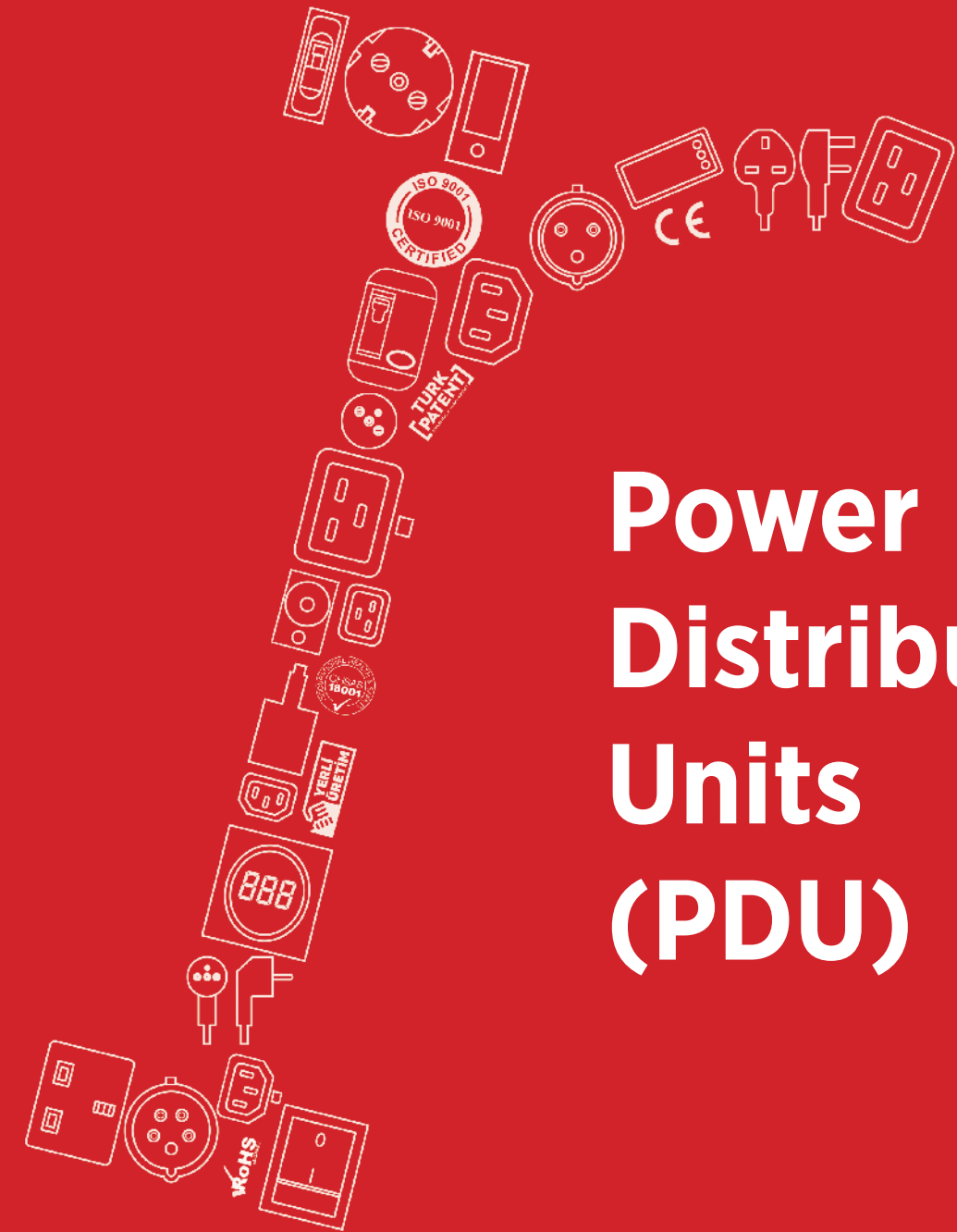
With our confidence in our product and production process, we believe that our products are one of the strongest links of the chain in the systems they are used.

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

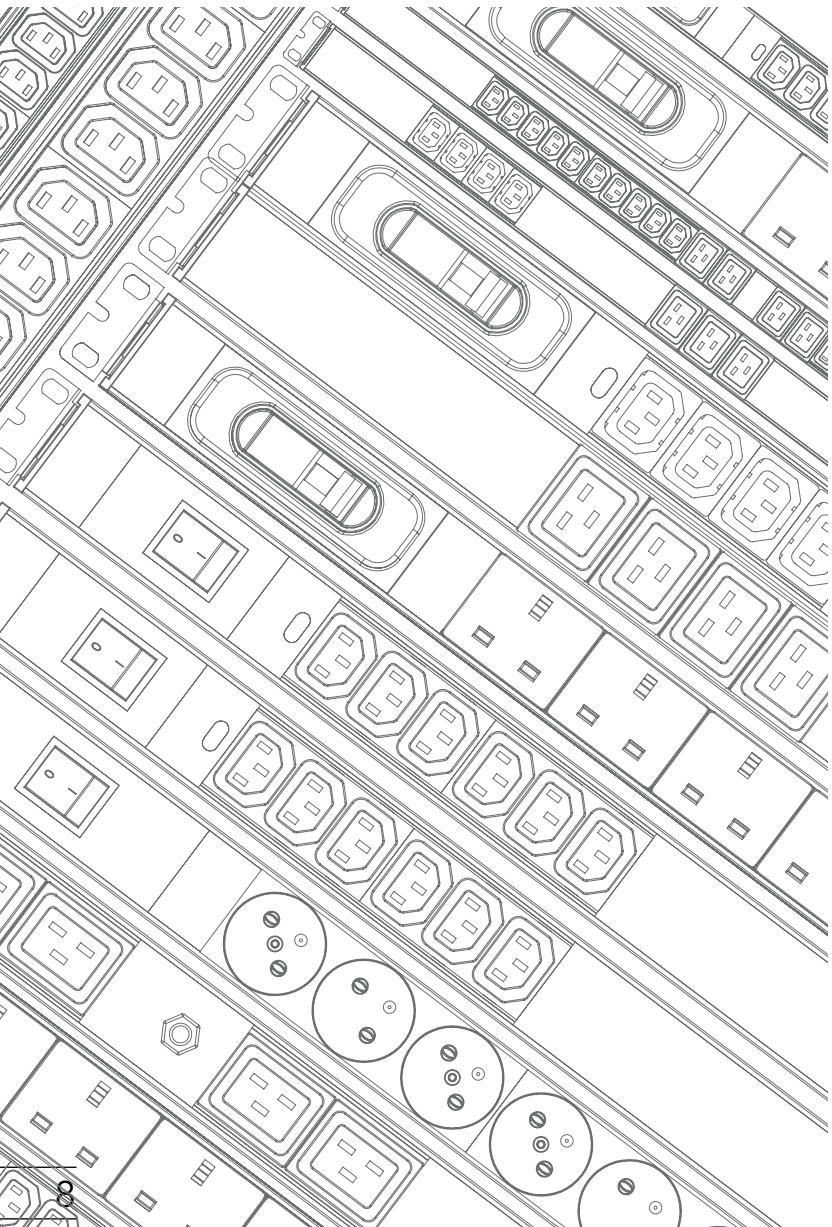


## Lifetime Product Satisfaction

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



# Power Distribution Units (PDU)



## Dorax Power Distribution Unit

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

DORAX 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

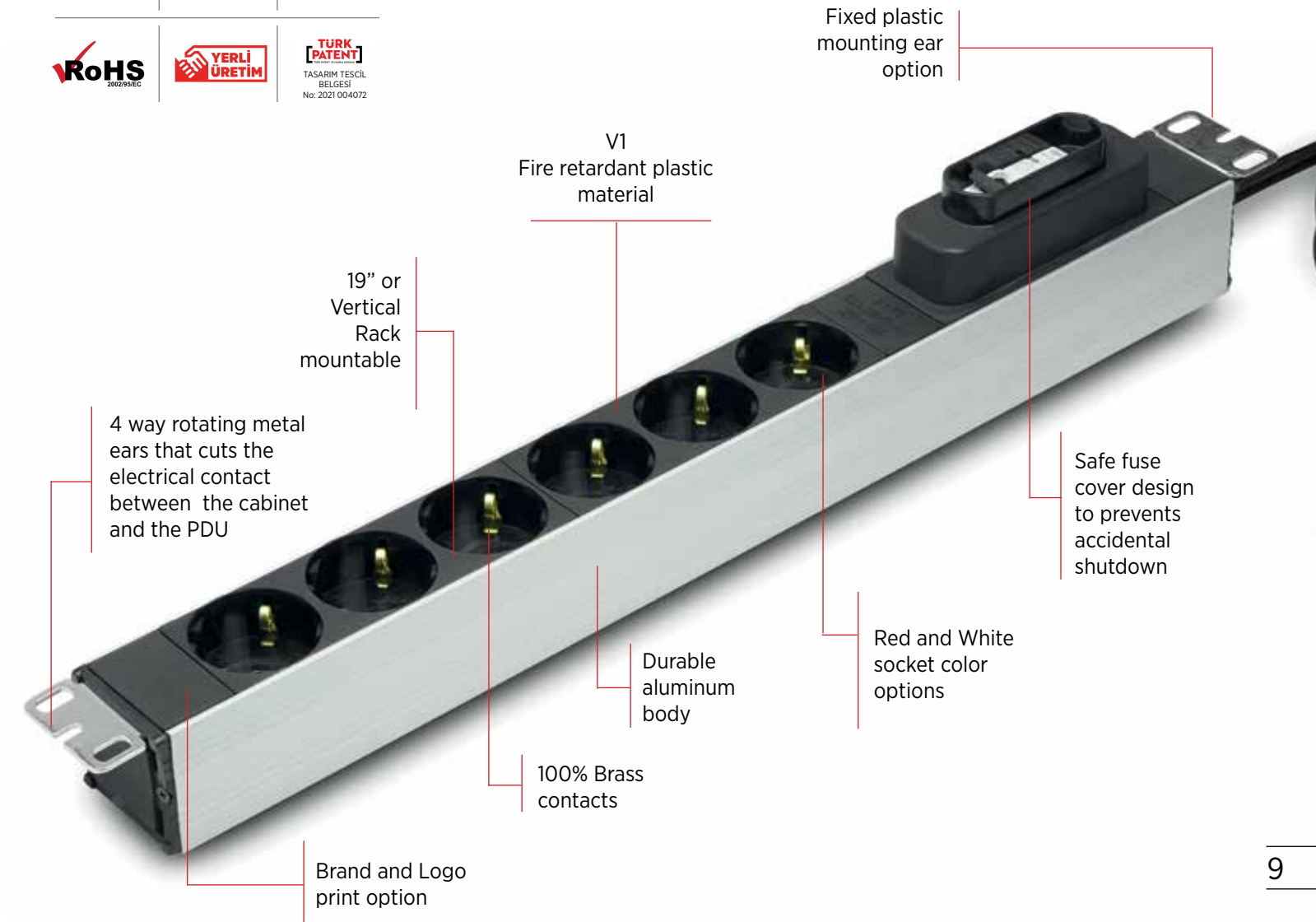
Apart from the product options presented , we also offer custom made PDU's with our flexible, fast, qualified design and production process.

Starting from a single socket, we offer PDUs with 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



Fixed plastic mounting ear option

V1 Fire retardant plastic material

19" or Vertical Rack mountable

4 way rotating metal ears that cuts the electrical contact between the cabinet and the PDU

Safe fuse cover design to prevents accidental shutdown

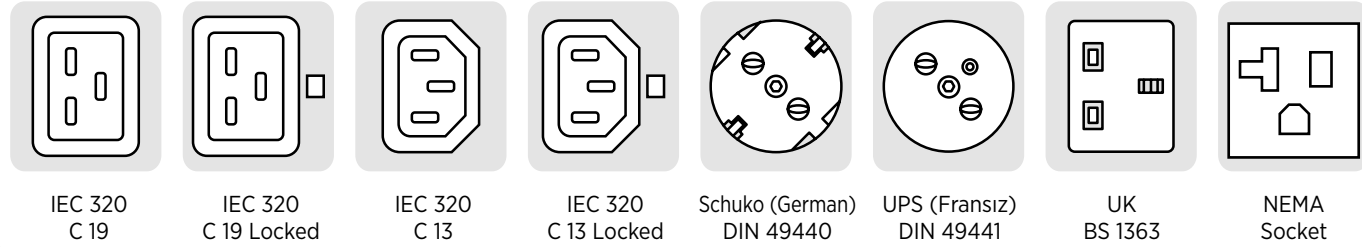
Red and White socket color options

Durable aluminum body

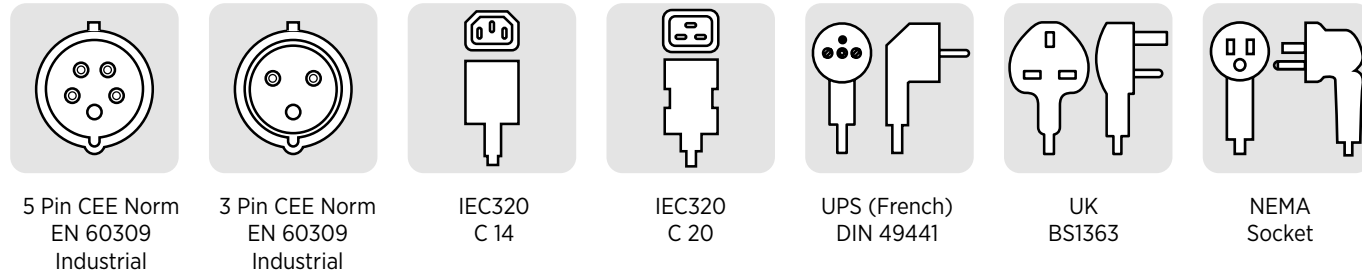
100% Brass contacts

Brand and Logo print option

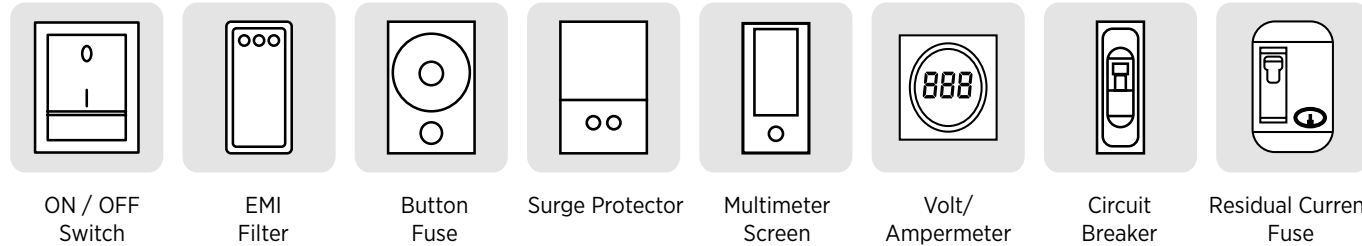
## Socket Types



## Plug Types



## Protection and Control Type



## 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 mm<sup>2</sup> | 3 x 2,5 mm<sup>2</sup> | 3 x 4 mm<sup>2</sup> | 3 x 6 mm<sup>2</sup> | 5 x 4 mm<sup>2</sup> | 5 x 6 mm<sup>2</sup>

## Product Coding System

**WW-79XY-ZZQQFFNN-JJ-DD-KM-PP-PK**

**WW Brand Name**  
DR Dorax

**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**

**QQ Socket Type**  
00 Schuko German  
U UK  
U French (UPS)  
C C13  
D C19  
K Locked C13  
L Locked C19  
N Nema  
..B Dust Cover

**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

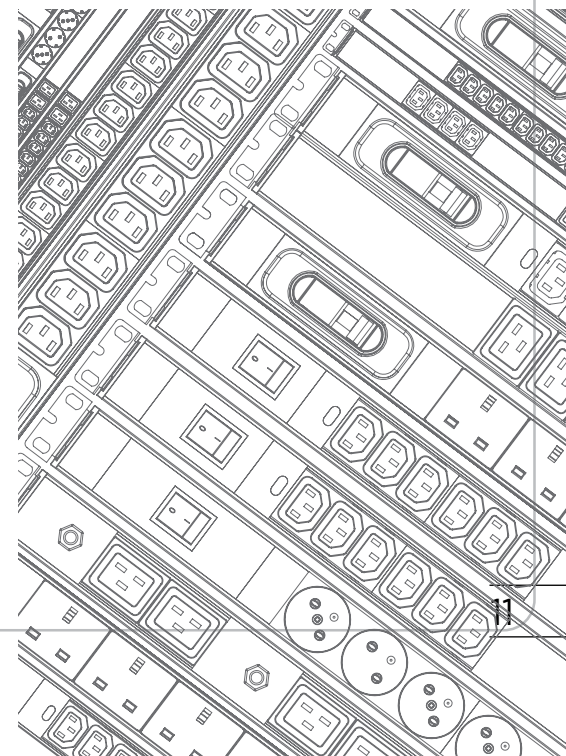
**JJ PDU Height**  
42 42 U  
.....  
36 36 U

**DD Cable Diameter**  
00 3 x 1,5 mm<sup>2</sup>  
01 3 x 2,5 mm<sup>2</sup>  
02 3 x 4 mm<sup>2</sup>  
03 3 x 6 mm<sup>2</sup>  
05 3 x 10 mm<sup>2</sup>  
10 5 x 1,5 mm<sup>2</sup>  
11 5 x 2,5 mm<sup>2</sup>  
12 5 x 4 mm<sup>2</sup>  
13 5 x 6 mm<sup>2</sup>

**KM Cable Length**  
2M 2 m.  
3M 3 m.

**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)

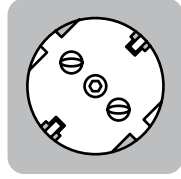
**Multimeter Screen**

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 (Alman / DIN 49440) Soketli PDU Modelleri

### 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



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



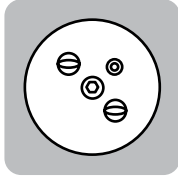
Volt/Amperemeter



Multimeter







## 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

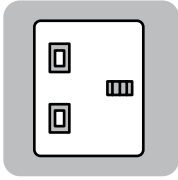


Volt/Amperemeter



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 Yoğunlaşmasız
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

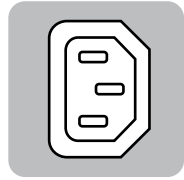
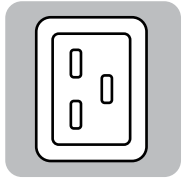


Volt/Amperemeter



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



Vertical PDU  
Configurations  
Options  
Available



Without Protection



ON/OFF Switch



Circuit Breaker



Button Fuse



EMI Filter with Surge Protector



Surge Protector



Residual Current Fuse



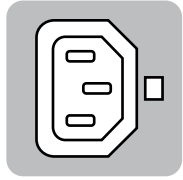
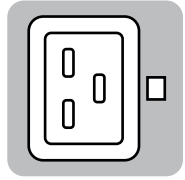
Volt/Amperemeter



Multimeter







## IEC 320 (C13-C19) Socket Power Distribution Units

### Features

- Aluminum Body (Grey or Black)
- Fire Retardant Nylon6 Sockets
- 10 A (220 V AC) Power for C13 Sockets, 16 A (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

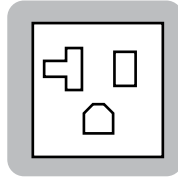


Volt/Amperemeter



Multimeter





## NEMA Socket Power Distribution Units

### Features

- Aluminum Body (Grey or black options)
- ABS v0 locking sockets
- Mounting Ear Options: Four-way metal mounting ears or fixed plastic ears
- Protection and metering options
- Options available for both horizontal mounting (1U - 2U) and vertical mounting
- Socket number available on demand for 1+
- Can be combined with other socket types
- Cable options available in different length and diameters

### Technical Features

Max. Output Power	2500 W - 12000 W
Nominal Input Voltage	125 V
Max. Total Current Draw	20 A
Operable Humidity	% 5-95
Operable Temperature	-5°C - +60°C
Storage Temperature	-25°C - +75°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



**New Product**

## Dorax ECO Line Power Distribution Units

Dorax ECO Line PDU offer price advantages in high-volume projects or stock purchases. **Ideal solution for cost- oriented targets with international standards!**



### Features

- Plastic Material Flame Retardant Nylon6 v1/v2
- Body Black Aluminum Body
- Sockets 3X, 6X, 8X, 9X  
Schuko Socket (DIN 49440)
- Cable 1,5 m. (3 x 1,5 mm2)
- Rack Mount 19" 1U Rack Mountable  
(2 Way Rotatable Plastic Ears)
- Contacts Brass
- Protection 16A Circuit Breaker or  
16A ON-OFF Switch
- Certificate CE
- Warranty 2 Years

### Technical Features

Plug Type	UPS (DIN 49441)
Max. Output Power	4000 W (220 V)
Nominal Input Voltage	100-240 VAC
Max. Total Current Draw	16 A
Operable Humidity	% 5 - 95
Operable Temperature	-5 0C - +45 0C
Storage Temperature	25 0C - +65 0C

### Certificates



Circuit Breaker



ON/OFF Switch



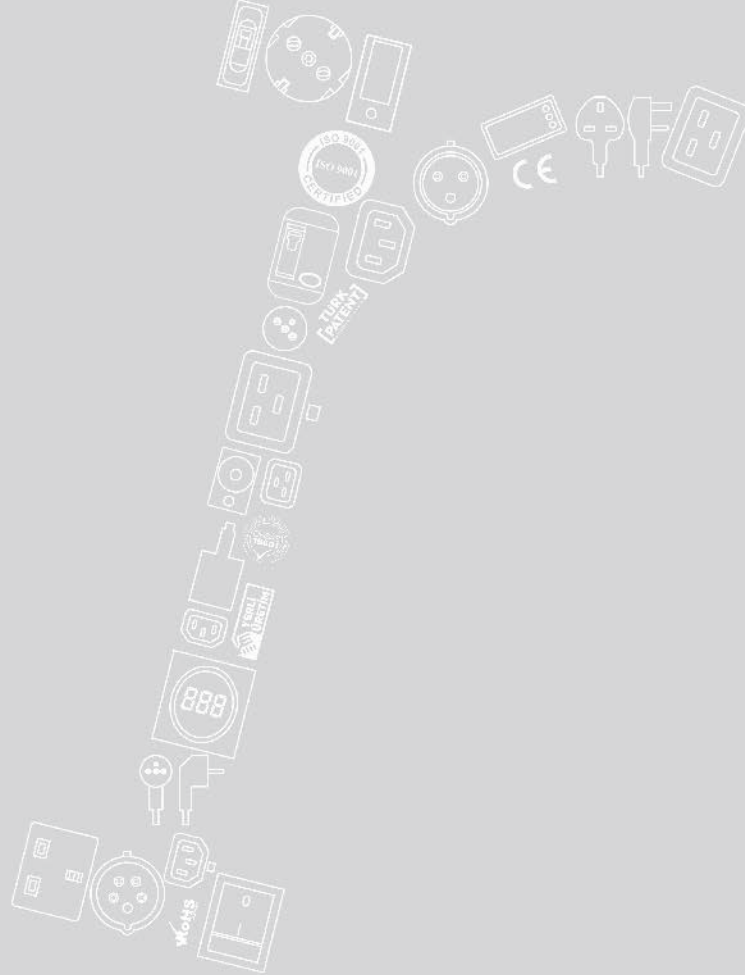
Without Protection







DDN: 08-002-2023-01-B



**Doraks Teknolojik Ürünler San. ve Tic. Ltd. Şti.**

Merkez Ofis: Küçükbakkalköy Mah, Kayışdağı Cad. Ozan Veysel Sok. No: 9/1 Ataşehir 34750 İstanbul - Türkiye

T: +90 216 577 28 48 F: +90 216 577 28 52 M: info@doraks.com.tr [www.doraks.com.tr](http://www.doraks.com.tr)

