

# Data Sheet

## FUJITSU Power Distribution Unit Rack Systems

based on EMERSON MPE™ and MPH2™

Enable your IT investment with Fujitsu network power of rack PDU offerings. Fujitsu network power of rack PDUs (based on Emerson MPH2™ Family) provides highest availability and most intelligent power metering and distribution. A Power Distribution Unit (PDU) is a specific type of multiple-socket bar which is often used in data centers and which is usually installed in 19" racks or at the rear of the rack. The new Managed Rack PDU MPH2™ family is a power supply system with monitoring and control functions. A PDU has several power supply sockets to which the various devices, such as servers or switches, can be connected. The basic difference compared to standard multiple sockets is that they have a special 19" construction form and possibly different types of sockets. Furthermore, some models offer additional functions, such as overvoltage protection, indicators for remote or local values. Some also offer a switch-off function depending on the requirements for individual devices or sockets.

various types of socket. The Metered PDU (MPHB™) models can already measure and display electrical parameters per phase and group measurement. The last group are the Managed PDUs (MPHR™); they measure the electrical parameters per phase, per group and per output. The task of Managed PDUs is remote monitoring and management of IT devices in the 19" rack. The MPH2™ supports simple integration in the rack and management architecture as well as highest availability and energy efficiency. The individual outputs can also be addressed via remote functions. Settable threshold values with alerts increase the availability of the connected devices. The PDUs all have an integrated display; an external display module can be added as an option and easily secured to the rack cabinet.

The PDUs can be installed in PRIMECENTER M2 racks or other housing systems with the corresponding mountings; with toolless mounting options.



### Power Distribution Unit

The Power Distribution Unit (PDU) models are multiple socket bars which are installed in our 19" racks. A PDU has several power supply sockets to which the various devices, such as servers or switches, can be connected. We offer three different types of PDUs. The basic models (MPE™) – they only differ from normal multiple sockets in their special 19" construction form and the

Main Features	Benefits
<ul style="list-style-type: none"> <li>■ Simple mounting for different rack systems.</li> <li>■ High efficiency components in a closed aluminium housing.</li> </ul>	<ul style="list-style-type: none"> <li>■ Easy installation, maintenance and replacement of the units.</li> <li>■ Robust housing with highest safety standards and long-term availability at a maximum power loss of 3-5W.</li> <li>■ Overview with all power consumption values in operational status.</li> </ul>
<ul style="list-style-type: none"> <li>■ Extensive measurement and switching functions with high measurement accuracy of up to <math>\pm 1\%</math> up to output port level.</li> <li>■ Secure anywhere access to the rack web interface and other management interfaces (MPHB and MPHR).</li> <li>■ Alarm functions with adjustable threshold values (MPHB and MPHR).</li> </ul>	<ul style="list-style-type: none"> <li>■ Fast and user friendly access of power measurements and controlling features without touching the rack.</li> <li>■ High availability through fast troubleshooting without permanent administrator monitoring.</li> <li>■ Perfect cable management and arrangement inside the rack housing</li> </ul>
<ul style="list-style-type: none"> <li>■ Patentend flexible power cord entry with a long power cord</li> </ul>	

# Technical details

## Technical details

	MPE - Basic PDU	MPHB - Metered PDU	MPHR - Managed PDU		
<b>Form factor</b>	OU				
<b>Mounting</b>	Universal Mounting bracket Ability to ship PDU preinstallaed in Fujitsu PCR M2 Racks				
<b>Maximum Outlets</b>	Outlets 24 / 36 / 42 or 48	Outlet Metered 19 or 36	Outlet Metered and / or Swiched: 24		
<b>Metering Levels</b>		metering of the overall input as well as the individual branches (models with an input current of 32A)	metering of the overall input, the individual branches (models with an input current of 32A) the individual outputs plus switching (On-Off-Scheduled)		
<b>Parameters Measured</b>		Volts, Current, kW, kVA, Power Factor	Volts, Current, kW, kVA, Power Factor, Crest Factor, Frequency		
<b>Metering Accuracy</b>		Voltage: $\pm 1\% + 0.1\text{VAC}$ Current: $\pm 1.5\% + 0.01\text{A}$	Voltage: $\pm 1\% + 0.1\text{VAC}$ Current: $\pm 1.5\% + 0.01\text{A}$		
<b>Modularity</b>	Communication Card RPC2 suporting IPv6				
<b>Management HW</b>	Local display, optional remote display				
<b>Remote Control</b>	Onboard Web Interface; CLI; SNMP; Optional: SSH; Telnet Integration with Avocent ACS, UMG&MPU; Integration with DSView; Rack Power Manager, Nform TM&TrellisTM				
<b>SNMP versions support</b>	v1, v2 and v3				
<b>Authentication</b>	Local; Remote: Active Directory, LDAP, TACACS, Radius, Kerberos				
<b>Encryption</b>	MD5, AES, DES				
<b>Temperature (operating)</b>	0 - 60 °C				
<b>Storage temperature</b>	-25 - 85 °C				
<b>Humidity (not operating)</b>	5 - 95 % (relative humidity)				
<b>Dimensions (W x D x H)</b>	56 x 50 x 827 mm / 1737mm	56 x 50 x 917 mm / 1737mm / 1827mm	56 x 50 x 1737 mm		
<b>Approvals</b>	BV-BG,CB,CE,RoHS				
<b>Order code</b>	<b>Product Name</b>	<b>Input voltage</b>	<b>Input connections</b>	<b>Output connections</b>	<b>Max. capacity</b>
S26361-F5560-E110	B PDU 1ph 16A CEE	200V - 240V	single phase IEC309 16A	3x8 (24) IEC320 C13 (10A)	3.7 kW
S26361-F5560-E111	B PDU 1ph 32A CEE	200V - 240V	single phase IEC309 32A	6x6 (36) IEC320 C13 (10A)+ 6x1 (6) IEC320 C19 (16A)	7.3 kW
S26361-F5560-E112	B PDU IEC320 C20	200V - 240V	single phase IEC320 C20	3x8 (24) IEC320 C13 (10A)	3.7 kW
S26361-F5560-E130	B PDU 3ph 16A CEE	364V - 415V	triple phase IEC309 16A	3x12 (36) IEC320 C13 (10A) + 3x4 (12) IEC320 C19 (16A)	11 kW
S26361-F5560-E131	B PDU 3ph 32A CEE	364V - 415V	triple phase IEC309 32A	6x4 (36) IEC320 C13 (10A) + 6x2 (12) IEC320 C19 (16A)	22 kW
S26361-F5560-E210	M PDU 1ph 16A CEE	200V - 240V	single phase IEC309 16A	17x IEC320 C13 (10A) + 2x IEC320 C19 (16A)	3.7 kW
S26361-F5560-E211	M PDU 1ph 32A CEE	200V - 240V	single phase IEC309 32A	2x15(30) IEC320 C13 (10A) + 2x3 (6) IEC320 C19 (16A)	7.3 kW
S26361-F5560-E230	M PDU 3ph 16A CEE	364V - 400V	triple phase IEC309 32A	3x10(30) IEC320 C13 (10A)+ 3x2 (6) IEC320 C19 (16A)	11 kW
S26361-F5560-E231	M PDU 3ph 32A CEE	364V - 400V	triple phase IEC309 32A	6x5(30) IEC320 C13 (10A)+ 6x1 (6) IEC320 C19 (16A)	22 kW
S26361-F5560-E310	MG PDU 1ph 16A CEE	200V - 240V	single phase IEC309 16A	18x IEC320 C13 (10A)+ 6x IEC320 C19 (16A)	3.7 kW
S26361-F5560-E311	MG PDU 1ph 32A CEE	200V - 240V	single phase IEC309 32A	2x9 (18) IEC320 C13 (10A)+ 2x3 (6) IEC320 C19 (16A)	7.3 kW

Order code	Product Name	Input voltage	Input connections	Output connections	Max. capacity
S26361-F5560-E330	MG PDU 3ph 16A CEE	364 - 415V	triple phase IEC309 16A	3x6 (18) IEC320 C13 (10A)+ 3x2 (6) IEC320 C19 (16A)	11 kW
S26361-F5560-E331	MG PDU 3ph 32A CEE	364V - 400V	triple phase IEC309 32A	6x3(18) IEC320 C13 (10A)+ 6x1 (6) IEC320 C19 (16A)	22 kW

#### Approvals & Conformity (Standards)

Compliance notes	According to the corresponding system
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates">https://sp.ts.fujitsu.com/sites/certificates</a>

#### Warranty

#### Product Support Services - the perfect extension

Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Weblink	<a href="https://www.fujitsu.com/emeia/support/">https://www.fujitsu.com/emeia/support/</a>

# More information

## Fujitsu products, solutions & services

In addition to FUJITSU Server Power Distribution Unit, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Built on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offerings. This allows customers to select from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about FUJITSU Server Power Distribution Unit, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/primergy](http://www.fujitsu.com/primergy)

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.

Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment>



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