


# Power Accessories

## Power Cords

	PWC-C13US-3B-183	PWC-C-13EU-3B-183 (CEE 7/7 to IEC C13)	PWC-C13UK-3B-183	PWC-C13JP-3B-183	PWC-C13AU-3B-183	PWC-C13CN-3B-183
Accessories Image						
Region	US	EU	UK	JP	AU	CN
Voltage	125 V	250 V	250 V	125 V	250 V	250 V
Thickness	6.3 ±0.2 mm	6.7 ±0.2 mm	6.7 ±0.2 mm	7.0 ±0.2 mm	6.7 ±0.2 mm	6.7 ±0.2 mm
Max. Current	10 A	10 A	10 A	7 A	10 A	10 A
Length	1830 ±30 mm	1830 ±30 mm	1830 ±30 mm	1830 ±30 mm	1830 ±30 mm	1830 ±30 mm
Related Products	CN2500 Series, NPort® 6600 Series, NPort® 5600 Series, PWR-12200-DT-S1					

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	PWR-12050-WPEU-S1	PWR-12050-WPUK-S1	PWR-12050-WPAU-S1	PWR-12050-WPUSJP-S1	PWR-12150-CN-S2
Accessories Image					
<b>Input Rating</b>					
I/P	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz
<b>Input Plug</b>					
Plug type	EU	UK	AU	US/JP	CN
<b>Output Rating</b>					
O/P	0.5A @ 12VDC	0.5A @ 12VDC	0.5A @ 12VDC	0.5A @ 12VDC	1.5A @ 12VDC
<b>Output Plug</b>					
Connector type	S-Type 5.5/2.1/7.5	S-Type 5.5/2.1/7.5	S-Type 5.5/2.1/7.5	S-Type 5.5/2.1/7.5	S-Type 5.5/2.1/7.5
Outer Diameter	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm
Inner Diameter	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm
<b>Physical Characteristics</b>					
Dimensions	64 x 40.5 x 30mm	64 x 40.5 x 30mm	64 x 40.5 x 30mm	64 x 40.5 x 30mm	70 x 45 x 54mm
Weight	70g	70g	70g	70g	200g
Cord Length	1530 ±100 mm	1530 ±100 mm	1530 ±100 mm	1530 ±100 mm	1800 ±200 mm
<b>Environmental Limits</b>					
Operating Temperature	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)
<b>Regulatory Approvals</b>					
Safety	CE/FCC/UL/GS/PSE/RCM	CE/FCC/UL/GS/PSE/RCM	CE/FCC/UL/GS/PSE/RCM	CE/FCC/UL/GS/PSE/RCM	CCC
<b>Related Products</b>					
Related Products	NPort® 5110A, NPort® 5130A, NPort® 5150A, NPort® 5210A, NPort® 5230A, NPort® 5250A, NPort® Z2150, NPort® Z3150				

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	PWR-12150-CN-S1	PWR-12120-USJP-S2	PWR-12200-DT-S1	PWR-12150-EU-S2	PWR-12150-UK-S2	PWR-12150-AU-S2
Accessories Image						
<b>Input Rating</b>						
I/P	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz	100-240 VAC 50-60Hz
<b>Input Plug</b>						
Plug type	CN	US/JP	-	EU	UK	AU
<b>Output Rating</b>						
O/P	1.5A @ 12VDC	1.5A @ 12VDC	2A @ 12VDC	1.5A @ 12VDC	1.5A @ 12VDC	1.2A @ 12VDC
<b>Output Plug</b>						
Connector type	L-Type 5.5/2.1/9.0	L-Type 5.5/2.1/9.0	S-Type 5.5/2.1/7.5	L-Type 5.5/2.1/9.0	L-Type 5.5/2.1/9.0	L-Type 5.5/2.1/9.0
Outer Diameter	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm	5.5 ±0.1mm
Inner Diameter	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm	2.1 ±0.1mm
<b>Physical Characteristics</b>						
Dimensions	70 x 45 x 54mm	75 x 34 x 72mm	110.8 x 51.8 x 32mm	70 x 45 x 66.5mm	70 x 48 x 60mm	75 x 41 x 75mm
Weight	200g	130g	200g	200g	200g	150g
Cord Length	1800 ±200 mm	1830 to 1950 mm	1800 ±200 mm	1800 ±200 mm	1800±200 mm	1500±100 mm
<b>Environmental Limits</b>						
Operating Temperature	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)
<b>Regulatory Approvals</b>						
Safety	CCC	UL/PSE	UL/CE/FCC/GS/CCC/PSE/ TUV/BSMI	CE/GS	CE	CE/SAA
<b>Related Products</b>						
Related Products	A52/A52, MGate™ MB3X80 Series, DE-211, DE-311, NPort® W2X50 Series, NPort® 5400 Series, NPort® 5100 Series, NPort® 5200 Series, TK-485		NPort® 5600-8-DT Series, NPort® 5600-8-DTL Series	NPort® 5400 Series, NPort® W2x50 Plus, MGate™ MB3480		

Note: PWR-12200-DT-S1 not included with power cord

## Wide Temperature Power Adaptors

	PWR-12150-USJP-SA-T	PWR-12150-EU-SA-T	PWR-12150-UK-SA-T	PWR-12150-CN-SA-T	PWR-12150-AU-SA-T
Accessories Image					
<b>Input Rating</b>					
I/P	100-240 VAC, 40-60 Hz				
<b>Input Plug</b>					
Plug Type	US/JP	EU	UK	CN	AU
<b>Output Rating</b>					
O/P	1.5 A @ 12 VDC				
<b>Protection Requirements</b>					
Protection	Over current protection/ Over voltage protection				
<b>Physical Characteristics</b>					
Dimensions	88 x 32 x 70.3 mm (L x W x H)				
Power Jack (Nuts)	2.1 mm (inner), 5.5 mm (outer), 7.5 mm (length)				
Cable Length	1730 mm				
<b>Environmental Limits</b>					
Operating Temperature	-40 to 75°C (-40 to 167°F)				
Storage Temperature	-40 to 85°C (-40 to 185°F)				
<b>Regulatory Approvals</b>					
Safety	PSE/CE/FCC/EN 60950/UL	CE/FCC/EN 60950/UL/TUV	CE/FCC/EN 60950	CCC/CE/FCC/EN 60950	C-Tick/CE/FCC/EN 60950
MTBF	50,000 hours minimum at 25°C by MIL-STD-217F				
<b>Related Products</b>					
Related Products	NPort® 5110-T, NPort® 5450-T, NPort® 5450I-T, NPort® 5610-8-DTL-T, NPort® 5650-8-DTL-T, NPort® 5650I-8-DTL-T, NPort® 5110A-T, NPort® 5130A-T, NPort® 5150A-T, NPort® 5210A-T, NPort® 5230A-T, NPort® 5250A-T, NPort® W2150Plus-T, NPort® W2250Plus-T, NPort® W2X50A-T, NPort® Z2150-T, NPort® Z3150-T				

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**: Power Supplies**

**24/48 VDC power supplies for installation on a DIN-Rail**

Accessories Image	24 VDC DIN-Rail Power Supplies					48 VDC DIN-Rail Power Supplies		
	DR-4524	DR-75-24	DR-120-24	MDR-40-24	MDR-60-24	DR-75-48	DR-120-48	DRP-248-48
<b>Physical Characteristics and Temperature Limits</b>								
Dimensions (mm)	78 x 67 x 93	55.5 x 100 x 125.2	65.5 x 100 x 125.2	40 x 90 x 100	40 x 90 x 100	55.5 x 100 x 125.2	65.5 x 100 x 125.2	125.5 x 125.5 x 100
Weight	400 g	550 g	650 g	260 g	280 g	550 g	650 g	1.2 kg
Operating Temperature	-10 to 50°C (14 to 122°F)		-10 to 60°C (14 to 140°F)		-20 to 70°C (-4 to 158°F)		-10 to 60°C (14 to 140°F)	
Relative Humidity	20 to 90% RH		20 to 90% RH		20 to 90% RH		20 to 90% RH	
<b>Power Requirements</b>								
Wattage	45 W	75 W	120 W	40 W	60 W	75 W	120 W	240 W
Input	85-264 VAC (47-63 Hz), or 120-370 VDC		88-132 VAC, or 176-264 VAC (47-63 Hz) by switch, or 248-370 VDC	85-264 VAC (47-63 Hz) or 120-370 VDC		85-264 VAC (27-63 Hz) or 120-370 VDC	88-132 VAC, or 176-264 VAC (47-63 Hz) by switch, or 248-370 VDC	85-264 VAC (47-63 Hz) or 120-370 VDC
Output	48 W (24 VDC @ 0-2 A)	76.8 W (24 VDC @ 0-3.2 A)	120 W (24 VDC @ 0-5 A)	40 W (24 VDC @ 0-1.7 A)	60 W (24 VDC @ 0-2.5 A)	76.8 W (48 VDC @ 0-1.6 A)	120 W (48 VDC @ 0-2.5 A)	240 W (48 VDC @ 0-5 A)
Over-voltage Protection	27.6-32.4 V		29-33 V	31.2-36 V		58-65 V		54-60 V
Overload Protection	105-150%							
Type	Constant Current Limiting							
Reset	Auto Recovery							
Inrush Current	30 A and 115 V, or 60 A and 230 V							
<b>Reliability</b>								
Safety Standards	EN 60950-1, UL 508 approved							
EMC Standards	EN 55022 Class B, EN 61000-4-2/3/4/5/6/8/11, ENV 50204, EN 61000-3-2, EN 50082-2							
Warranty	3 years (see <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a> )							

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# Fiber Accessories

**: Fiber Optic Adaptors**

**SC male to ST female duplex adaptors**



These SC male to ST female duplex adaptors are provided as an optional accessory to give users of Moxa industrial Ethernet switches more fiber optic connection options. Simply plug the adaptors directly into the SC connector of any Moxa industrial Ethernet switch to convert the original SC connector into an ST connector. This allows you to use an ST connector with any MOXA industrial Ethernet switch, but without the need for an extra patchcord.

**ADP-SCm-STf-S**

SC male to ST female duplex adaptor for single-mode fiber

- Single-mode: 9/125 μm
- Ferrules and Sleeves: Zirconia Ceramic
- Body Color: Blue
- Insertion Loss: 0.5/1.1 (TYP/MAX)
- SC-side Connector: SC male
- ST-side Connector: ST female

**ADP-SCm-STf-M**

SC male to ST female duplex adaptor for multi-mode fiber

- Multi-mode: 62.5/125 μm
- Ferrules and Sleeves: Zirconia Ceramic
- Body Color: Gray
- Insertion Loss: 0.1/0.3 (TYP/MAX)
- SC-side Connector: SC male
- ST-side Connector: ST female