



# SITOP® Power Supplies



Selection

Domestic and International Applications—Compact Line



## SITOP Power Single-Phase

Technical Specifications	Compact Line (LOGO! Design)					
SITOP Power	DC 5V/3A	DC 5V/6.3A	DC 12V/1.9A	DC 12V/4.5A	DC 15V/1.85A	DC 15V/4A
Catalog No	6EP1311-1SH01	6EP1311-1SH11	6EP1321-1SH01	6EP1322-1SH01	6EP1351-1SH01	6EP1352-1SH01
Rated Input Voltage	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V
Range	85–264V	85–264V	85–264V	85–264V	85–264V	85–264V
Hold Up Time	>40 ms at Vin 187V	>40 ms at Vin 187V	>40 ms at Vin 187V	>40 ms at Vin 187V	>40 ms at Vin 187V	>40 ms at Vin 187V
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz
Rated Input Current	0.23/0.13 A	0.48/0.30 A	0.34/0.18 A	0.73/0.43A	0.41/0.22 A	0.8/0.48A
Inrush Current 25°C (77°F)	<15A	<30A	<15A	<30A	<15A	<30A
Line Side Protection	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>
Load Side Protection	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>
Rated Output Voltage	5V DC ± 3%	5V DC ± 3%	12V DC ± 3%	12V DC ± 3%	15V DC ± 3%	15V ± 3%
Adjustable Range	4.6-5.4	4.6-5.4	11.1-12.9	11.1-12.9	13.9-16.1V	13.9-16.1V
Rated Output Current	3A (131°F)	6.3A (131°F)	1.9A (131°F)	4.5A (131°F)	1.85A (131°F)	4A (131°F)
Efficiency Approx.	75%	75%	80%	80%	80%	80%
Parallel Connection Possible	Yes	Yes	Yes	Yes	Yes	Yes
RFI Specification	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)
Degree of Protection	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Ambient Temperature	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)
Mounting	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)
Connections at Input (solid/stranded)	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12
Connections at Output (solid/stranded)	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12	AWG26–AWG12
Dimensions W × H × D inches (mm)	2.84 × 3.54 × 2.17 (72 × 90 × 55)	4.96 × 3.54 × 2.17 (126 × 90 × 55)	2.84 × 3.54 × 2.17 (72 × 90 × 55)	4.96 × 3.54 × 2.17 (126 × 90 × 55)	2.84 × 3.54 × 2.17 (72 × 90 × 55)	4.96 × 3.54 × 2.17 (126 × 90 × 55)
Approx Weight lbs (kg)	0.44 (0.2)	0.88 (0.4)	0.44 (0.2)	0.88 (0.4)	0.44 (0.2)	0.88 (0.4)
Approvals	UL, CSA, CE, FM	UL, CSA, CE, FM	UL, CSA, CE, FM	UL, CSA, CE, FM	UL, CSA, CE, FM	UL, CSA, CE, FM
Price \$	143.	186.	143.	186.	143.	186.

<sup>①</sup>Recommended Circuit Breaker for conductors. Power Supply itself does not require protection.  
<sup>②</sup>According to UL 508.

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# SITOP® Power Supplies

Selection

Domestic and International Applications—Compact Line



## SITOP Power Single-Phase

Technical Specifications	Compact Line (LOGO! Design)		Compact Line (S7-200 Design)	Compact Line (LOGO! Design)	
	DC 24V/1.3A	DC 24V/2.5A/Class 2	DC 24V/3.5A	DC 48V/0.65A	DC 48V/1.25A
SITOP Power	DC 24V/1.3A	DC 24V/2.5A/Class 2	DC 24V/3.5A	DC 48V/0.65A	DC 48V/1.25A
Catalog No	6EP1331-1SH01	6EP1332-1SH41	6EP1332-1SH31	6EP1351-1SH11	6EP1352-1SH11
Rated Input Voltage	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V
Range	85–264V	85–264V	93–132V/187–264V	85–264V	85–264V
Hold Up Time	>40ms at Vin 187V	>40 ms at Vin 187V	>20 ms 93V/187V	>40 ms at Vin 187V	>40 ms at Vin 187V
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz
Rated Input Current	0.48/0.3A	0.85/0.5A	1.65/0.95A	0.48/0.3A	1.0/0.6A
Inrush Current 25°C (77°F)	<15A	<30A	<33A, <3 ms	< 15A	<30A
Line Side Protection	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>
Load Side Protection	Self Protected <sup>②</sup>	Self Protected <sup>②</sup>	Self Protected <sup>②</sup>	Self Protected <sup>②</sup>	Self Protected <sup>②</sup>
Rated Output Voltage	24VDC ± 3%	24VDC ± 3%	24VDC ± 5%	48VDC ± 3%	48VDC ± 3%
Adjustable Range	22.2-25.8	22.2-25.8	Fixed	44.2-51.8	44.2-51.8
Rated Output Current	1.3A (131°F)	2.5A (131°F)	3.5A (140°F)	0.65A (131°F)	1.25A (131°F)
Efficiency Approx	80%	80%	84%	80%	80%
Parallel Connection Possible	Yes	Yes	Yes	Yes	Yes
RFI Specification	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)
Degree of Protection	IP 20	IP 20	IP 20	IP 20	IP 20
Ambient Temperature	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)	32°–140°F (0°–60°C)	-4–131°F (-20–55°C)	-4–131°F (-20–55°C)
Mounting	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)
Connections at Input (Solid/Stranded)	AWG26–AWG12	AWG26–AWG12	AWG30–AWG14	AWG26–AWG12	AWG26–AWG12
Connections at Output (Solid/Stranded)	AWG26–AWG12	AWG26–AWG12	AWG30–AWG14	AWG26–AWG12	AWG26–AWG12
Dimensions W x H x D Inches (mm)	2.84 × 3.54 × 2.17 (72 × 90 × 55)	4.96 × 3.54 × 2.17 (126 × 90 × 55)	6.30 × 3.15 × 2.44 (160 × 80 × 62)	2.84 × 3.54 × 2.17 (72 × 90 × 55)	4.96 × 3.54 × 2.17 (126 × 90 × 55)
Approx Wt Lbs (Kg)	0.44 (0.2)	0.88 (0.4)	1.1 (0.5)	0.44 (0.2)	0.88 (0.4)
Approvals	UL, CSA, CE, FM	UL, CSA, CE, FM, Class 2	UL, cUL, CE	UL, CSA, CE, FM pending	UL, CSA, CE, FM pending
Price \$	120.	180.	240.	143.	186.

①Recommended Circuit Breaker for conductors. Power Supply itself does not require protection.

②According to UL 508.



# SITOP® Power Supplies



Selection

Domestic and International Applications—Compact Line



4FD5183-0AA20-1A

4FD5183-0AA30-1A

4FD5183-0AA10-1A

4FD5183-0AA00-1A

6EP1353-2BA00

6EP1353-0AA00

## SIDAC Power Single-Phase

Technical Specifications	Compact Line (SIDAC Design)				Compact Line (special)	
	DC 5V/ 10A	DC 12V/5A	DC 15V/5A	DC 24V/3A	DC 3-52V	DC + 15 & -15V
Catalog No	4FD5183-0AA20-1A	4FD5183-0AA30-1A	4FD5183-0AA10-1A	4FD5183-0AA00-1A	6EP1353-2BA00	6EP1353-0AA00
Rated Input Voltage	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V
Range	102–132V/195–253V	102–132V/195–253V	102–132V/195–253V	102–132V/195–253V	86–132V/170–264V	93–264V
Hold Up Time	>20ms	>20ms	>20ms	>20ms	>10ms at Vin 187V & 120W	>10ms/40ms at 120/187V
AC Input Frequency	47–63 Hz	47–63 Hz	47–63 Hz	47–63 Hz	47–63Hz	47–63Hz
Rated Input Current	1.5/0.75A	1.5/0.75A	1.5/0.75A	1.5/0.75A	2.2/0.9A	1.6/1.0A
Inrush Current 25°C (77°F)	60A	60A	60A	60A	<32A	<30A
Line Side Protection	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2106-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>
Load Side Protection	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>	Self-protected <sup>②</sup>
Rated Output Voltage	24VDC ± 2%	24VDC ± 2%	24VDC ± 2%	24V DC ± 2%	24V ± 1%	2 × 15V
Adjustable Range	Fixed	Fixed	Fixed	Fixed	3–52	14.5–17
Rated Output Current	10A (131°F)	5A (131°F)	5A (131°F)	3A (131°F)	3–12V = 10A or >12V = 120W	2 × 3.5A (113°F)
Efficiency Approx	80%	80%	80%	80%	80%	80%
Parallel Connection Possible	No	No	No	No	No	Yes
RFI Specification	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-2 (Class A)
Degree of Protection	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Ambient Temperature	32°–131°F (0°–55°C)	32°–131°F (0°–55°C)	32°–131°F (0°–55°C)	32°–131°F (0°–55°C)	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)
Mounting	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)	DIN Rail (35 × 7.5 mm)
Connections at Input (solid/stranded)	AWG18–AWG14	AWG18–AWG14	AWG18–AWG14	AWG18–AWG14	AWG20–AWG12	AWG22–AWG12
Connections at Output (solid/stranded)	AWG18–AWG14	AWG18–AWG14	AWG18–AWG14	AWG18–AWG14	AWG20–AWG12	AWG22–AWG12
Dimensions W × H × D Inches (mm)	1.81 × 5.35 × 4.33 (46 × 136 × 110)	1.81 × 5.35 × 4.33 (46 × 136 × 110)	1.81 × 5.35 × 4.33 (46 × 136 × 110)	1.81 × 5.35 × 4.33 (46 × 136 × 110)	2.95 × 4.92 × 4.92 (75 × 125 × 125)	2.95 × 4.92 × 4.88 (75 × 125 × 124)
Approx Weight lbs. (kg)	1.76 (0.8)	1.76 (0.8)	1.76 (0.8)	1.76 (0.8)	2 (0.9)	1.8 (0.8)
Approvals	UL, CSA, CE	UL, CSA, CE	UL, CSA, CE	UL, CSA, CE	UL, cUL, CE	UL, cUL pending, CE
Price \$	232.	232.	232.	232.	359.	407.

<sup>①</sup>Recommended Circuit Breaker for conductors. Power Supply itself does not require protection.  
<sup>②</sup>According to UL 508.

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