

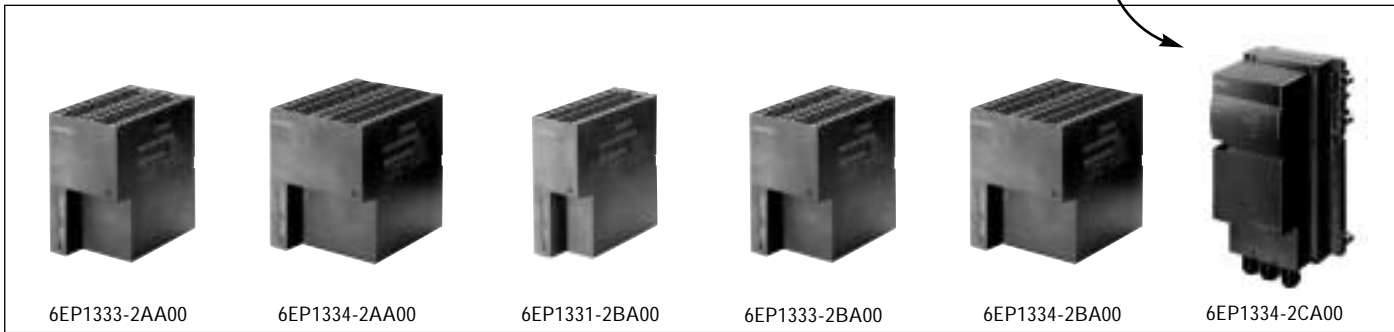


# SITOP Power Supplies

Domestic and International Applications — Standard Line



Selection



## SITOP Power Single-Phase

Technical Specifications	Standard Line with Stand. Harm. Level			Standard Line with Extra Low Harm. Level		Standard Line/ET200X <sup>®</sup>
	DC 24V/5A	DC 24V/10A	DC 24V/2A	DC 24V/5A	DC 24V/10A	
SITOP power	DC 24V/5A	DC 24V/10A	DC 24V/2A	DC 24V/5A	DC 24V/10A	DC 24V/10A
Catalog No	6EP1333-2AA00	6EP1334-2AA00	6EP1331-2BA00	6EP1333-2BA00	6EP1334-2BA00	6EP1334-2CA00
Rated Input Voltage	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V
Range	93–132V/187–264V	85–132V/187–264V	93–132V/187–264V	93–132V/187–264V	85–132V/187–264V	93–132V/187–264V
Hold Up Time	>20 ms	>20 ms	>10 ms	>10 ms	>10 ms	>20 ms
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz
Rated Input Current	2.2/1.3A	5.5/3.2A	0.9/0.6A	2.2/0.9A	5.5/2.1A	4.3/2.6A
Inrush Current 25°C (77°F)	32A	65A	14A	32A	65A	65A
Line Side Protection	5SX2106-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2103-7 <sup>①</sup>	5SX2106-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2116-7 <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	24V DC ± 1%	24V ± 1%	24V DC ± 1%	24V DC ± 1%	24V ± 1%	24V DC ± 3%
Adjustable Range	22.8–26.4V	22.8–26.4V	22.8–26.4V	22.8–26.4V	22.8–26.4V	Fixed
Rated Output Current	5A (140°F)	10A (140°F) 12A (113°F)	2A (140°F)	5A (140°F)	10A (140°F) 12A (113°F)	10A (104°F) 8A (131°F)
Efficiency Approx.	87%	89%	82%	87%	89%	87%
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)	EN50081-2 (Class A)
Degree of Protection	IP 20	IP 20	IP 20	IP 20	IP 20	IP 65
Ambient Temperature	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)	32°–131°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)	Wall Mounting <sup>⑤</sup>
Connections at Input (Solid/Stranded)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12
Connections at Output (Solid/Stranded)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12
Dimensions W × H × D Inches (mm)	2.95 × 4.92 × 4.88 (75 × 125 × 124)	3.94 × 4.92 × 5.28 (100 × 125 × 134)	1.97 × 4.92 × 4.88 (50 × 125 × 124)	2.95 × 4.92 × 4.88 (75 × 125 × 124)	3.94 × 4.92 × 5.28 (100 × 125 × 134)	5.51 × 10.63 × 4.96 (140 × 270 × 126)
Approx Wt Lbs (Kg)	1.3 (0.6)	1.8 (0.8)	0.9 (0.4)	1.7 (0.75)	2.4 (1.1)	3.7 (1.7)
Approvals	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE
Price \$	275.	371.	178.	287.	391.	684.

- ①Recommended Circuit Breaker for conductors. Power Supply itself does not require protection.
- ②According to UL 508.
- ③If used without ET 200X, the accessory connector seal, part no. 6EP1971-2CA00 is required to achieve IP 65 degree of protection.
- ④Optional: automatic restart or latching shut down.
- ⑤Any mounting position is permitted.

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### SITOP Power Single-Phase

Technical Specifications	Standard Line with Extra Low Harm. Level		Basic Line (S7-300 Design)		
	DC 24V/Class 2	DC 24V/20A	DC 24V/2A	DC 24V/5A	DC 24V/10A
SITOP Power	DC 24V/Class 2	DC 24V/20A	DC 24V/2A	DC 24V/5A	DC 24V/10A
Catalog No	6EP1332-2BA00	6EP1336-2BA00	6EP1331-1SL11	6EP1333-1SL11	6EP1334-1SL11
Rated Input Voltage	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V	AC 120V/230V
Range	93–132V/187–264V	93–132V/187–264V	93–132V/187–264V	93–132V/187–264V	93–132V/187–264V
Hold Up Time	>10ms	>10ms	>20 ms	>20 ms	>20 ms
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz
Rated Input Current	1.7/0.7A	8.0/3.3A	0.8/0.5A	2.0/1.0A	3.5/1.7A
Inrush Current 25°C (77°F)	<32A	<81A	<20A, <3 ms	< 45, <3 ms	<55A, <3 ms
Line Side Protection	5SX2110-7 <sup>①</sup>	5SX2116-7 <sup>①</sup>	5SX2106-7 <sup>①</sup>	5SX2110-7 <sup>①</sup>	5SX2116-71 <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 ± 1%	24VDC ± 3%	24VDC ± 3%	24VDC ± 3%	24VDC ± 3%
Adjustable Range	Fixed	22.8–26.4VDC	Fixed	Fixed	Fixed
Rated Output Current	3.8A (140°F)	20A (131°F)	2A (140°F)	5A (140°F)	10A (140°F)
Efficiency Approx.	87%	87%	83%	88%	87%
Parallel Connection Possible	Yes	Yes	No	No	No
RFI Specification	EN50081-1 (Class B)	EN50081-1 (Class B)	EN50081-2 (Class A)	EN50081-2 (Class A)	EN50081-2 (Class A)
Degree of Protection	IP 20	IP 20	IP 20	IP 20	IP 20
Ambient Temperature	32°–140°F (0°–60°C)	32°–131°F (0°–55°C)	32°–140°F (0°–60°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 × 15 mm)	DIN Rail (35 × 15 mm)	DIN Rail (35 × 15 mm)
Connections at Input (Solid/Stranded)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12
Connections at Output (Solid/Stranded)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12
Dimensions W x H x D Inches (mm)	2.95 × 4.92 × 4.88 (75 × 125 × 124)	11.0 × 4.9 × 3.6 (280 × 125 × 92)	1.97 × 4.92 × 5.31 (50 × 125 × 135)	3.15 × 4.92 × 5.31 (80 × 125 × 135)	7.87 × 4.92 × 5.31 (200 × 125 × 135)
Approx Wt Lbs (Kg)	1.7 (0.75)	5.3 (2.4)	0.9 (0.4)	1.5 (0.7)	2.6 (1.2)
Approvals	UL, cUL, CE, Class 2	UL, cUL, CE	UL, cUL, FM, CE	UL, cUL, FM, CE	UL, cUL, FM, CE
Price \$	287.	612.	204.	325.	499.

Note: Basic Line not for new development. See page 789 for latest models.

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

②According to UL 508.