



SITOP Power Three-Phase

Technical Specifications	Standard Line (with Extra Low Harmonic Level)					Mounting Bracket for DIN Rail 3-Phase Line
	DC 24V/10A	DC 24V/20A	DC 24V/20A	DC 24V/30A	DC 24V/40A	
SITOP Power	DC 24V/10A	DC 24V/20A	DC 24V/20A	DC 24V/30A	DC 24V/40A	
Catalog No	6EP1434-2BA00	6EP1436-2BA00	6EP1536-2AA00	6EP1437-2BA00	6EP1437-2BA10	6EP1971-2BA00
Rated Input Voltage	3AC 480/440/400V	3AC 480/440/400V	2AC 480/600V	3AC 480/440/400V	3AC 480/440/400V	—
Range	360–550V	360–550V	420–682V	360–550V	360–550V	—
Hold Up Time	>6 ms	>3 ms	6 ms @ 420V	>4 ms	>3 ms	—
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz	47–63Hz	47–63Hz	—
Rated Input Current (400V)	0.65A	1.2A	1.82A @ 420V	1.4A	1.9A	—
Inrush Current 25°C (77°F)	<25A, <5 ms	<25A, <5 ms	<25A	<25A, <5ms	<25A, <5ms	—
Line Side Protection	3VU1300–0MJ00 or 3RV1021–1DA10	3VU1300–0MJ00 or 3RV1021–1DA10	3VU1300–0ML00 or 3RV1021–1DA10	3VU1300–0MJ00 or 3RV1021–1DA10	3VU1300–0MJ00 or 3RV1021–1DA10	—
Load Side Protection	Self-Protected ^①	Self-Protected ^①	Self-Protected ^①	Self-Protected ^①	Self-Protected ^①	—
Rated Output Voltage	24V ± 3%	24V ± 3%	24V ± 2%	24V ± 3%	24V ± 3%	—
Adjustable Range	22.8–26.4V DC	22.8–26.4V DC	22.8–28.8V DC	22.8–26.4V DC	22.8–26.4V DC	—
Rated Output Current	10A (131°F)	20A (131°F)	20A (140°F)	30A (131°F)	40A (131°F)	—
Efficiency Approx.	89%	89%	89%	90%	90%	—
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	32°–131°F (0°–55°C)	32°–131°F (0°–55°C)	32°–140°F (0°–60°C)	32°–131°F (0°–55°C)	32°–131°F (0°–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)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12	—
Connections at Output (Solid/Stranded)	AWG22–AWG8	AWG22–AWG8	AWG22–AWG8	AWG22–AWG8	AWG22–AWG8	—
Dimensions in W × H × D Inches (mm)	11.03 × 4.93 × 3.63 (280 × 125 × 92)	11.03 × 4.93 × 3.63 (280 × 125 × 92)	11.03 × 7.09 × 3.63 (280 × 180 × 92)	11.03 × 7.09 × 3.63 (280 × 180 × 92)	11.03 × 7.09 × 3.63 (280 × 180 × 92)	12.6 × 5.9 × 4 (320 × 150 × 100)
Approx Wt Lbs (Kg)	4.4 (2.0)	4.4 (2.0)	7.3 (3.3)	8.0 (3.6)	8.0 (3.6)	1.98 (0.9)
Approvals	UL, cUL, CE	UL, cUL, CE	CE, UL Pending	UL, cUL, CE	UL, cUL, CE	—
Price \$	444.	552.	960.	780.	888.	63.

①According to UL 508.



SITOP Power Three-Phase

Technical Specification	Basic Line		
SITOP Power	DC 24V/10A	DC 24V/20A	DC 24V/40A
Catalog No	6EP1434-1SH01	6EP1436-1SH01	6EP1437-1SH01
Rated Input Voltage	3AC 480/440/400V	3AC 480/440/400V	3AC 480/440/400V
Range	360–550V	360–550V	360–550V
Hold Up Time	>20 ms/480V	>13 ms/480V	>17 ms/480V
AC Input Frequency	47–63Hz	47–63Hz	47–63Hz
Rated Input Current	0.8A/0.85/0.9A	1.2/1.4/1.5A	2.5/2.7/2.8A
Inrush Current (77°F)	<35A, <5 ms	<35A, <5 ms	<14A, <4 ms
Line Side Protection	3VU1300-0MG00	3VU1300-0MG00	3VU1300-0MJ00
Load Side Protection	Self-Protected [Ⓞ]	Self-Protected [Ⓞ]	Self-Protected [Ⓞ]
Rated Output Voltage	24V DC ± 1%	24V DC ± 1%	24V ± 1%
Adjustable Range	24–28.8V DC	24–28.8V DC	24–28V DC
Rated Output Current	10A (140°F)	20A (140°F)	40A (131°F)
Efficiency Approx	85%	85%	85%
Parallel Connection Possible	Yes	Yes	Yes, up to 5 units
RFI Specification According To	EN50081-2 (Class A)	EN50081-2 (Class A)	EN50081-2 (Class A)
Degree of Protection	IP 20	IP 20	IP 20
Ambient Temperature	32°–140°F (0°–60°C)	32°–140°F (0°–60°C)	32°–131°F (0°–55°C)
Mounting	Mounting Plate	Mounting Plate	Keyhole Mounting
Connections at Input (Solid/Stranded)	AWG22–AWG12	AWG22–AWG12	AWG22–AWG12
Connections at Output (Solid/Stranded)	AWG22–AWG8	AWG22–AWG8	AWG22–AWG8
Dimensions W × H × D Inches (mm)	9.45 × 5.12 × 5.16 (240 × 130 × 131)	9.45 × 5.12 × 5.16 (240 × 130 × 131)	5.51 × 9.76 × 10.71 (140 × 248 × 272)
Approx Wt Lbs (Kg)	7.7 (3.5)	7.7 (3.5)	12 (5.5)
Approvals	UL, cUL, CE	UL, cUL, CE	UL, cUL, CE, FM
Price \$	571.	721.	1106.

Note: Basic Line not for new development. See page 791 for latest models.

ⓄAccording to UL 508.