










SITOP Power Supplies

SIEMENS

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Portfolio overview SITOP Power Supplies

Advanced		Standard		Basic		SIMATIC design	DC/DC converter	Special designs
<p>SITOP PSU8600 The power supply system with TIA integration and open communication up to the Cloud</p> 	<p>SITOP PSU8200 The technology power supply for demanding solutions</p> 	<p>SITOP PSU6200 The all-around power supply for a wide range of applications</p> 	<p>SITOP smart The high-performance power supply applications</p> 	<p>SITOP lite The cost-effective basic power supply</p> 	<p>LOGO!Power The flat power supply for distribution boards</p> 	<p>SITOP in SIMATIC design The optimal power supply for SIMATIC S7 and more</p> 	<p>SITOP DC/DC converter Stable supply despite fluctuating DC voltage</p> 	<p>Special designs Equipped for special tasks and conditions</p> 

... individual extendable to all-round protection

SITOP Redundancy modules



SITOP Selectivity modules



SITOP Buffer module



SITOP DC UPS with capacitors



with battery modules



Failure of a power supply

Overload in 24 V circuit

Up to seconds

Power failure on the input side

Up to minutes

Up to hours

SIMATIC Design Optimum supply for SIMATIC S7 and more

1-phase



SIMATIC S7-300 and ET 200M



SIMATIC S7-1200



SIMATIC S7-1500 and ET 200MP



SIMATIC ET 200SP PS

3-phase



SIMATIC ET200pro

Overview

SIMATIC S7-300 and ET 200M, 1-phase, 24 V/2.5; 5; 10 A
System and load power supplies in slimline design, On-Off switch

SIMATIC S7-1200, PM1207, 1-phase, 24 V/2.5 A
Compact power module with two 24 V DC output terminals

SIMATIC S7-1500 and ET 200MP, 1-phase, 24 V/3 A; 8 A
Compact power modules with 50% extra power, On-Off switch

SIMATIC ET 200SP, 1-phase, 24 V/5 A; 10 A
Flat power supply with 50% extra power, power monitor, 3 plug-in 24 V terminals, On-Off switch

SIMATIC ET200pro, 3-phase, 24 V/8 A
Electronic/encoder and load power supply with IP67 degree of protection

Certifications, including       

- The original SIMATIC power supplies are an ideal fit for the PLC network in terms of design and functionality
- Direct installation onto SIMATIC system rack without lateral clearance to other modules
- In addition to SIMATIC systems, they also supply other loads reliably with 24 V DC voltage
- 1-phase power supplies with automatic 120 V/230 V AC range switchover



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SITOP DC/DC converter PSU3400

Stable supply despite fluctuating DC voltage



Technology overview

Input	DC 12/24/48/(DC 9...18 V/14 ... 32 V/DC 28 ... 54 V)
Output	DC 12 V/8 A; 15 A; (DC 12 ... 15,5 V) DC 24 V/4 A; 3,5 A (NEC Class 2); 5 A; 10 A (24 ... 28 V)
Efficiency	Up to 93.5%
No-load loss	<0.5 W
Status signaling	Green LED: Relay contact and DC OK Yellow LED: Overload
Temperature range	-25 ... +70 ° C
Certifications	

- Integrated DC/DC product family – Standardized design
- Reverse polarity protection at input prevents faulty installation
- Adjustable output voltage for compensation of voltage drops
- High efficiency up to 93%
- Ambient temperature range from -25 to +70 °C
- Reliable indication of operating state by LEDs
- Floating relay contact for further processing of operating state
- Parallel switching for enhanced performance



Power supply in SIMATIC-Design						
	24 V DC/2.5 A, PM1207	120/230 V AC (85 ... 132/176 ... 264 V AC)	70 x 100 x 75	6EP1332-1SH71	• Compact Power Module for the S7-1200 with automatic range switchover	
	24 V DC/2 A, PS307	120/230 V AC (85 ... 132/170 ... 264 V AC)	40 x 125 x 120	6ES7307-1BA01-0AA0	• System and load power supply for the S7-300 in new narrow design with automatic range switchover	
	24 V DC/5 A, PS307		60 x 125 x 120	6ES7307-1EA01-0AA0		
	24 V DC/10 A, PS307		80 x 125 x 120	6ES7307-1KA02-0AA0		
	24 V DC/3 A, PM1507	120/230 V AC (85 ... 132 V/170 ... 264 V AC)	50 x 147 x 135	6EP1332-4BA00	• Load power supply of S7-1500 in slimline design with automatic range switchover and extra power (1.5 x I _{rated} for 5 s/min)	
	24 V DC/8 A, PM1507		75 x 147 x 135	6EP1333-4BA00		
	24 V DC/5 A, ET 200SP PS	120/230 V AC (85 ... 132 V/170 ... 264 V AC)	160 x 117 x 75	6EP7133-6AB00-0BN0	• Power supply for SIMATIC ET 200SP distributed I/O, flat design, with automatic range selection, extra power (1.5 x I _{rated} for 5 s/min), current monitor and plugs for 6 load circuits	
	24 V DC/10 A, ET 200SP PS			6EP7133-6AE00-0BN0		
	24 V DC/8 A, ET200pro PS	400 – 480 V 3 AC (340 ... 550 V 3 AC)	310 x 135 x 90	6ES7148-4PC00-0HA0	• Power supply in degree of protection IP67 for electronics/sensors and load voltage for the SIMATIC ET200pro	
DC/DC converter						
	24 V DC/4 A, PSU3400	12 V DC (9 ... 18 V DC)	32 x 100 x 100	6EP3133-0TA10-0AY0	<ul style="list-style-type: none"> • Stable output voltage from fluctuating DC voltage • Ideal for battery-operated applications such as driverless transport vehicles • PSU3400 in narrow metal housing, with reverse polarity protection and high efficiency up to 93.5% • PSU3400 24 V DC/24 V DC for compensating voltage losses with long cables 	
	12 V DC/8 A, PSU3400	24 V DC (14 ... 32 V DC) startup from 18 V	32 x 100 x 100	6EP3123-0TA00-0AY0		
	12 V DC/15 A, PSU3400		42 x 125 x 120	6EP3124-0TA00-0AY0		
	24 V DC/5 A, PSU3400		32 x 100 x 100	6EP3133-0TA00-0AY0		
	24 V DC/10 A, PSU3400		42 x 125 x 120	6EP3134-0TA00-0AY0		
	24 V DC/3.5 A, NEC Class 2, PSU3400		48 V DC (28 ... 54 V DC) startup from 36 V	32 x 100 x 100		6EP3233-0TA10-0AY0
	24 V DC/5 A, PSU3400	32 x 100 x 100		6EP3233-0TA00-0AY0		
	24 V DC/10 A, PSU3400	42 x 125 x 120		6EP3234-0TA00-0AY0		
	24 V DC/20 A, PSU400M	600 V DC (300 ... 900 V DC) startup from 340 V	90 x 125 x 125	6EP1536-3AA00	<ul style="list-style-type: none"> • High input voltage, e.g. for operation at the DC link of drives • High efficiency of 95% 	

SIMATIC-design power supplies

The optimal supply for SIMATIC S7 and more. Regarding design and functionality, the original power supplies of the SIMATIC integrate optimally into the PLC network. The startup and power reserves of the SITOP power supply units meet the requirements of the respective controllers. In addition, the mounting options of both components are the same. All of this ensures that controller and power supply or peripherals are perfectly matched.



SIMATIC PS307/1AC/24VDC/2A

SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V DC/2 A

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in \text{ rated}}$, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187 \text{ V}$
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187 \text{ V}$
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	0.9 A
• at rated input voltage 230 V	0.5 A
current limitation of inrush current at 25 °C maximum	22 A
duration of inrush current limiting at 25 °C	
• maximum	3 ms
I ² t value maximum	1 A ² ·s
fuse protection type	T 1.6 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: 3 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	0.2 %
residual ripple	
• maximum	50 mV



SIMATIC PS307/1AC/24VDC/5A

SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V/5 A DC

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	2.3 A
• at rated input voltage 230 V	1.2 A
current limitation of inrush current at 25 °C maximum	20 A
duration of inrush current limiting at 25 °C	
• maximum	3 ms
I ² t value maximum	1.2 A ² ·s
fuse protection type	T 3,15 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: from 6 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	0.5 %
residual ripple	
• maximum	50 mV



SIMATIC PS307/1AC/24VDC/10A

SIMATIC S7-300 Regulated power supply PS307 input: 120/230 V AC, output: 24 V / 10 A DC

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	4.2 A
• at rated input voltage 230 V	1.9 A
current limitation of inrush current at 25 °C maximum	55 A
duration of inrush current limiting at 25 °C	
• maximum	3 ms
I ² t value maximum	3.3 A ² ·s
fuse protection type	T 6.3 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: from 10 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	0.5 %
residual ripple	
• maximum	50 mV



SIMATIC PM1507/1AC/24VDC/3A

SIMATIC PM 1507 24 V/3 A Stabilized power supply for SIMATIC S7-1500
input: 120/230 V AC, output: 24 V DC/3 A

Input	
type of the power supply network	1-phase AC
supply voltage at AC	Automatic range selection
<ul style="list-style-type: none"> initial value 	
supply voltage	120 V 230 V
<ul style="list-style-type: none"> 1 at AC rated value 2 at AC rated value 	
input voltage	85 ... 132 V 170 ... 264 V
<ul style="list-style-type: none"> 1 at AC 2 at AC 	
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	50 Hz 60 Hz
<ul style="list-style-type: none"> 1 rated value 2 rated value 	
line frequency	45 ... 65 Hz
input current	1.4 A 0.8 A
<ul style="list-style-type: none"> at rated input voltage 120 V at rated input voltage 230 V 	
current limitation of inrush current at 25 °C maximum	23 A
duration of inrush current limiting at 25 °C	3 ms
<ul style="list-style-type: none"> maximum 	
I ² t value maximum	1.3 A ² ·s
fuse protection type	T 3,15 A/250 V (not accessible)
<ul style="list-style-type: none"> in the feeder 	Recommended miniature circuit breaker: 10 A characteristic B or 6 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	24 V
<ul style="list-style-type: none"> at output 1 at DC rated value 	
relative overall tolerance of the voltage	1 %
relative control precision of the output voltage	0.1 %
<ul style="list-style-type: none"> on slow fluctuation of input voltage on slow fluctuation of ohm loading 	
residual ripple	



SIMATIC PM1507/1AC/24VDC/8A

SIMATIC PM 1507 24 V/8 A Regulated power supply for SIMATIC S7-1500
input: 120/230 V AC, output: 24 V DC/8 A

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	45 ... 65 Hz
input current	
• at rated input voltage 120 V	3.7 A
• at rated input voltage 230 V	1.7 A
current limitation of inrush current at 25 °C maximum	62 A
duration of inrush current limiting at 25 °C	
• maximum	3 ms
I ² t value maximum	12 A ² ·s
fuse protection type	T 6.3 A/250 V (not accessible)
• in the feeder	Recommended miniature circuit breaker: 16 A characteristic B or 10 A characteristic C
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	1 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	0.1 %
residual ripple	

SIMATIC ET 200SP PS/1AC/24VDC/5A

SIMATIC ET 200SP PS 24V/5A Stabilized power supply Input: 120/230 V
AC Output: 24 V DC/5 A

Input	
type of the power supply network	1-phase AC
supply voltage at AC	
• initial value	Automatic range selection
supply voltage	
• 1 at AC rated value	120 V
• 2 at AC rated value	230 V
input voltage	
• 1 at AC	85 ... 132 V
• 2 at AC	170 ... 264 V
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
line frequency	47 ... 63 Hz
input current	
• at rated input voltage 120 V	2.16 A
• at rated input voltage 230 V	1.22 A
current limitation of inrush current at 25 °C maximum	45 A
I ² t value maximum	3.15 A ² ·s
fuse protection type	T 3,15 A/250 V (not accessible)
• in the feeder	recommended LS switch: B/C 6 A/3 A
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	
• at output 1 at DC rated value	24 V
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	
• on slow fluctuation of input voltage	0.1 %
• on slow fluctuation of ohm loading	1 %
residual ripple	
• maximum	150 mV
• typical	50 mV
voltage peak	

SIMATIC ET 200SP PS/1AC/24VDC/10A

SIMATIC ET 200SP PS 24V/10A Stabilized power supply Input: 120/230 V
AC Output: 24 V DC/10 A

Input	
type of the power supply network	1-phase AC
supply voltage at AC	Automatic range selection
<ul style="list-style-type: none"> initial value 	
supply voltage	120 V 230 V
<ul style="list-style-type: none"> 1 at AC rated value 2 at AC rated value 	
input voltage	85 ... 132 V 170 ... 264 V
<ul style="list-style-type: none"> 1 at AC 2 at AC 	
design of input wide range input	No
overvoltage overload capability	$2.3 \times V_{in}$ rated, 1.3 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
buffering time for rated value of the output current in the event of power failure minimum	20 ms
operating condition of the mains buffering	at $V_{in} = 93/187$ V
line frequency	50 Hz 60 Hz
<ul style="list-style-type: none"> 1 rated value 2 rated value 	
line frequency	47 ... 63 Hz
input current	4.34 A 1.92 A
<ul style="list-style-type: none"> at rated input voltage 120 V at rated input voltage 230 V 	
current limitation of inrush current at 25 °C maximum	60 A
I ² t value maximum	6.3 A ² ·s
fuse protection type	T 6.3 A/250 V (not accessible)
<ul style="list-style-type: none"> in the feeder 	recommended LS switch: B/C 10 A/6 A
Output	
voltage curve at output	Controlled, isolated DC voltage
output voltage at DC rated value	24 V
output voltage	24 V
<ul style="list-style-type: none"> at output 1 at DC rated value 	
relative overall tolerance of the voltage	3 %
relative control precision of the output voltage	0.1 % 1 %
<ul style="list-style-type: none"> on slow fluctuation of input voltage on slow fluctuation of ohm loading 	
residual ripple	150 mV 50 mV
<ul style="list-style-type: none"> maximum typical 	
voltage peak	

SITOP PSU3400 DC/DC converters

Features and benefit

Feature	Benefit
<ul style="list-style-type: none"> • Wide input voltage range • Reverse polarity protection at input side • Narrow overall width • Mounting in different installation positions • Adjustable output voltage • Rated insulation voltage input / output 1,5 kV DC • From 10 A: Signaling contact DC o.k. • High efficiency up to 93 % • Comprehensive certificates 	<ul style="list-style-type: none"> • Operation at batteries 12 V DC, 24 V DC, 48 V DC, ... up to 240 V DC • Avoidance of wrong installation • Small assembly area • Space saving • Compensation of voltage drops • Protection against overload at the input • Easy integration in plant monitoring • Low energy consumption Low heat generation • Worldwide use



SITOP PSU3400 DC/DC converters

SITOP product portfolio

SITOP PSU3400		SITOP PSU3400				
12 V DC		24 V DC				
	24 V DC/4 A 6EP3133-0TA10-0AY0		24 V DC/5 A 6EP3133-0TA00-0AY0	12 V DC/8 A 6EP3123-0TA00-0AY0	24 V DC/10 A 6EP3134-0TA00-0AY0	12 V DC/15 A 6EP3124-0TA00-0AY0
48 V DC	SITOP PSU3400			SITOP PSU400M		SITOP PSU3400 uni
					100-240 V AC/24-240 V DC	
	24 V DC/3.5 A NEC Class 2 6EP3233-0TA10-0AY0	24 V DC/5 A 6EP3233-0TA00-0AY0	24 V DC/10 A 6EP3234-0TA00-0AY0			
			200 - 900 V DC			

1) NEC Class 2 in preparation

DC/DC converter

NEW



Technical data	DC/DC converter										
Output voltage / current, type	24 V/2.5 A PSU3400 uni	24 V/4 A, PSU3400	12 V/8 A, PSU3400	24 V/5 A, PSU3400	12 V/15 A, PSU3400	24 V/10 A, PSU3400	24 V/3.5 A NEC Class 2, PSU3400	24 V/5 A, PSU3400	24 V/10 A, PSU3400	24 V/20 A, PSU400M	
Article No.	6EP3332-0TA00-QAY0	6EP3133-0TA10-QAY0	6EP3123-0TA00-QAY0	6EP3133-0TA00-QAY0	6EP3124-0TA00-QAY0	6EP3134-0TA00-QAY0	6EP3233-0TA10-QAY0	6EP3233-0TA00-QAY0	6EP3234-0TA00-QAY0	6EP1536-3AA00	
Rated input voltage	24 V DC, 230 V AC	12 V DC	24 V DC	24 V DC	24 V DC	24 V DC	48 V DC	48 V DC	48 V DC	600 V DC ¹⁾	
- Range	18...264 V DC, 88...264 V AC	9...18 V DC	18...32 V DC, 14...18 V DC, short-term with derating possible	24 V DC	14...32 V DC, derating for 14...18 V DC	24 V DC	28...60 V DC, startup from 36 V, derating for 28-36 V		300...900 V DC, startup from approx. 340 V		
Mains buffering	> 5 ms	> 2 ms	> 5 ms	> 5 ms	> 5 ms	> 5 ms	> 5 ms	> 5 ms	> 5 ms	-	
Rated input current	1.9 A (at 24 V DC)	9.0 A	4.5 A	5.5 A	8.4 A	10.8 A	1.9 A	2.7 A	5.4 A	0.85 A	
- Inrush current	<15 A	<15 A	<15 A	<15 A	<15 A	<15 A	<15 A	<15 A	<15 A	<8 A	
- Recommended miniature circuit breaker (not necessary in case of feed-in by SITOP)	16 A characteristic B or C	16 A characteristic B or C	10 A characteristic B or C		16 A characteristic B or C		10 A characteristic B or C		16 A characteristic B or C	-	
Rated output voltage	24 V DC	24 V DC	12 V DC	24 V DC	12 V DC	24 V DC	24 V DC	24 V DC	24 V DC	24 V DC	
- Tolerance	± 1%	± 3%	± 3%	± 3%	± 2%	± 1%	± 3%	± 3%	± 1%	± 3%	
- Setting range	24...28 V DC	24...28 V DC	12...15.5 V DC	24...28 V DC	12...15.5 V DC	24...28 V DC	24...28 V DC	24...28 V DC	24...28 V DC	24...28.8 V DC	
Rated output current	2.5 A	4 A	8 A	5 A	15 A	10 A	3.5 A	5 A	10 A	20 A	
- Overload behavior	3.5 A	-	-	6 A up to 40 °C	-	12 A up to 40 °C	-	6 A up to 40 °C	12 A up to 40 °C	30 A	
- Derating	-	from +60 °C (2%/K)	from +60 °C (2%/K)	from +60 °C (2%/K)	from +60 °C (2%/K)	from +60 °C (2%/K)	-	from +60 °C (2%/K)	from +60 °C (2%/K)	from +60 °C (5.5%/K), 300...400 V DC, 824...900 V DC	
Efficiency at rated values, approx.	85 %	89.00 %	89.4 %	92.5 %	91.00 %	93.00 %	90.4 %	91.6 %	93.5 %	95 %	
Signaling contact "DC o. k."	No	No	No	No	Yes	Yes	No	No	Yes	Yes	
Parallel switching	Yes, 2 units	Yes, 2 units	Yes, 2 units	Yes, 2 units	Yes, 2 units	Yes, 2 units	-	Yes, 2 units	Yes, 2 units	Yes, output line switchable	
Electronic short-circuit protection	Yes, restart										
Radio suppression level (EN 55022)	Class B										
Line harmonics limitation (EN 61000-3-2)	Not applicable										
Degree of protection (EN 60529)	IP20										
Ambient temperature	-25...+70 °C										
Installation	DIN rail										
Dimensions (W x H x D) in mm	32 x 100 x 100				42 x 125 x 120		32 x 100 x 100		42 x 125 x 120		90 x 125 x 125
Weight approx.	0.3 kg		0.4 kg		0.6 kg		0.4 kg		0.6 kg		1.2 kg
Certification	CE, cULUS										
	CE, cULUS, ABS, DNV GL, 6EP3233-0TA10-QAY0: NEC Class 2										

¹⁾ The SITOP PSU400M power supply is designed for connection to a DC link power system, which means that the input voltage rises and falls successively while charging the DC link. Hot plug-in and hot plug-out of the input voltage above 450 V is not allowed. The 6EP1566-3AA00 ballast device for limiting the voltage rise must be used for this purpose. Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified).

Special designs Equipped for specific tasks and conditions

Wall mounting



SITOP
PSU100D

12 V and 24 V power supply units in aluminum enclosure for direct wall mounting

High degree of protection



SITOP
PSU100P

24 V/5 A and 8 A power supply in IP67 for distributed applications

Battery charging



SITOP
PSU3800

Constant current characteristic for optimum charging of 12 V/24 V batteries

Alternative output voltage



SITOP
PSU3600

Dual:
Two outputs with 15 V/3.5 A each
Flexi:
3 – 52 V/10 A output, fixed or dynamic setting

Special area of application



SITOP
PSU100E

1-phase power supply 48 V/5 A in slim metal enclosure

Special area of application



SITOP
PSU300E

3-phase power supply 24 V/5 A in slim metal enclosure