



THE HEART OF AUTOMATION®

SITOP Power Supply

Three reasons for SITOP: reliability, efficiency, and integration
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Order overview

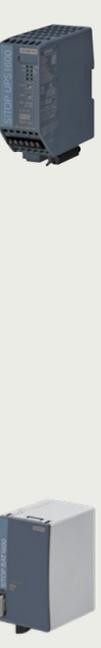
Edition 11/2024

Order overview SITOP – Regulated power supplies, expansion modules, and DC UPS

	Product	Rated input voltage (range)	Dimensions in mm (W x H x D)	Article number ¹⁾	Short description		
Advanced power supplies							
SITOP PSU8600 – The power supply system for digitalization and Industry 4.0							
	PSU8600 1AC basic unit	100 ... 240 V AC/110 ... 220 V DC (85 ... 275 V AC/99 ... 275 V DC)	125 x 125 x 150	6EP3336-8MB00-2CY0	<ul style="list-style-type: none"> Compact basic units with 1 or 4 outputs, each overload monitored Expandable without wiring effort: up to four CNX8600 modules and two BUF8600/UPS8600 modules Expansion module for up to 36 outputs CNX8600 8 x 2.5 A with NEC Class 2 Outputs individually adjustable: voltage (4 ... 28 V DC) and current DC UPS module with up to five battery modules in lead or lithium iron phosphate technology for protection against long network failures Basic units with two Ethernet/PROFINET ports for optimum integration in plant automation Integrated webserver and OPC UA server Simple engineering as well as comprehensive monitoring and diagnostics in the TIA Portal, SIMATIC PCS7 or with the SITOP Manager Basic unit PSU8600 24 V/40 A/4 x 10 A also available with EtherNet/IP interface Support of energy management due to capturing of energy data and selectively switching off the outputs 		
	PSU8600 3AC basic unit	400 ... 500 V 3 AC (320 ... 575 V 3 AC)	80 x 125 x 150	6EP3436-8SB00-2AY0			
	• 24 V DC/20 A PN		100 x 125 x 150	6EP3436-8MB00-2CY0			
	• 24 V DC/20 A/4 x 5 A PN		125 x 125 x 150	6EP3437-8SB00-2AY0			
	• 24 V DC/40 A PN		125 x 125 x 150	6EP3437-8MB00-2CY0			
	• 24 V DC/40 A/4 x 10 A PN		125 x 125 x 150	6EP3437-8MB10-2CY0			
	• 24 V DC/40 A/4 x 10 A EIP						
	Modular system: CNX8600 expansion module	Supply from basic unit PSU8600 via connection "System Clip Link"					
	• 24 V DC/4 x 5 A		60 x 125 x 150	6EP4436-8XB00-0CY0			
	• 24 V DC/4 x 10 A		60 x 125 x 150	6EP4437-8XB00-0CY0			
• 24 V DC/8 x 2.5 A NEC Class 2		100 x 125 x 150	6EP4436-8XB00-0DY0				
BUF8600 buffer module							
• 100 ms/40 A		60 x 125 x 150	6EP4297-8HB00-0XY0				
• 300 ms/40 A		125 x 125 x 150	6EP4297-8HB10-0XY0				
• 4 s/40 A		60 x 125 x 150	6EP4293-8HB00-0XY0				
• 10 s/40 A		125 x 125 x 150	6EP4295-8HB00-0XY0				
UPS components							
• DC UPS module UPS8600		60 x 125 x 150	6EP4197-8AB00-0XY0				
• Battery module BAT8600 Pb	Energy exchange with UPS8600	322 x 187 x 110	6EP4145-8GB00-0XY0				
• Battery module BAT8600 LiFePO4		322 x 187 x 110	6EP4143-8JB00-0XY0				
SITOP PSU8400 - The power supply with IO-Link that puts its values on display							
	24 V DC/20 A, PSU8400 IOL	400 ... 500 V 3 AC/500 ... 550 V DC (323 ... 576 V 3 AC/450 ... 600 V DC)	59 x 145 x 125	6EP3436-8SB00-4AY0	<ul style="list-style-type: none"> Integrated IO-Link communications interface 4-digit alphanumeric display with operating buttons Robust wide range input for 3 AC and DC, 2-phase operation permissible Active PFC for low inrush current and reactive current Efficiency up to 96 % Ambient temperature range -40 °C ... +70 °C Even current distribution in parallel operation Simple engineering in the TIA Portal Diagnostics via display or WinCC faceplates Optimally expandable with selectivity modules SEL1600 IOL 		
	24 V DC/40 A, PSU8400 IOL		99 x 145 x 125	6EP3437-8SB00-4AY0			
SITOP PSU8200 – Technology power supply for demanding solutions							
	24 V DC/5 A, PSU8200	120/230 V AC (85 ... 132/176 ... 264 V AC)	45 x 125 x 125	6EP3333-8SB00-0AY0	<ul style="list-style-type: none"> Wide-range input Efficiency levels of up to 95 % Extra power feature (1.5 x I_{rated} for 5 s/min) for brief operational overload Power Boost (3 x I_{rated} for 25 ms) for triggering protective equipment Switchable characteristic curves for parallel operation and short-circuit protection Operation status indicated by 3 LEDs Signaling contact "DC ok" Output voltage adjustable 24 V power supply units expandable with add-on modules and DC UPS 36 V and 48 V versions enable smaller cross-sections of the load supply lines 		
	24 V DC/10 A, PSU8200	120 ... 230/230 ... 500 V AC (85 ... 264/176 ... 550 V AC)	55 x 125 x 125	6EP3334-8SB00-0AY0			
	24 V DC/5 A, PSU200M	120 ... 230/230 ... 500 V AC (85 ... 264/176 ... 550 V AC)	70 x 125 x 125	6EP1333-3BA10			
	24 V DC/10 A, PSU200M		70 x 125 x 125	6EP1334-3BA10			
	24 V DC/20 A, PSU8200	120/230 V AC (85 ... 275 V AC/85 ... 350 V DC)	90 x 125 x 125	6EP1336-3BA10			
	24 V DC/40 A, PSU8200	120/230 V AC (95 ... 132/190 ... 264 V AC)	145 x 145 x 150	6EP3337-8SB00-0AY0			
	24 V DC/40 A, PSU8200 Ex		145 x 145 x 150	6EP3337-8SC00-0AY0			
	24 V DC/20 A, PSU8200	400 ... 500 V 3 AC (320 ... 575 V 3 AC)	70 x 125 x 125	6EP3436-8SB00-0AY0			
	24 V DC/40 A, PSU8200		135 x 145 x 150	6EP3437-8SB00-0AY0			
	36 V DC/13 A, PSU8200		70 x 125 x 125	6EP3446-8SB10-0AY0			
48 V DC/10 A, PSU8200		70 x 125 x 125	6EP3446-8SB00-0AY0				
48 V DC/20 A, PSU8200	400 ... 500 V 3 AC (340 ... 550 V 3 AC)	135 x 145 x 150	6EP3447-8SB00-0AY0				
Standard power supplies							
SITOP PSU6200 – The all-rounder power supply for a wide variety of applications							
	12 V DC/2 A, PSU6200	120 ... 230 V AC/120 ... 240 V DC (85 ... 264 V AC/110 ... 275 V DC)	25 x 100 x 88	6EP3321-7SB00-0AX0	<ul style="list-style-type: none"> Robust wide range input AC and DC, 3-phase devices also applicable for continuous operation with 2 phases Space-saving, narrow design High efficiency up to 96 % High overload capacity thanks to extra power (1.5 x I_{nom} for 5 s) and constant current behavior, permanent overload capacity (1.2 x I_{nom}) up to 45 °C ambient temperature Push-in terminals for fast connection From 3.7 A: LED and signaling contact "DC ok" From 24 V/10 A and 48 V/5 A: diagnostics monitor for overload and service life via LEDs, diagnostics interface signals all the relevant device and operating data, active PFC for low reactive current component Variants with conformal coating with certifications according to ATEX, IECEx, FM, and CCC for use in hazardous areas zone 2 Expandable with all SITOP add-on modules 		
	24 V DC/1.3 A, PSU6200		25 x 100 x 88	6EP3331-7SB00-0AX0			
	24 V DC/2.5 A, PSU6200		40 x 100 x 88	6EP3332-7SB00-0AX0			
	12 V DC/7 A, PSU6200	120 ... 230 V AC/120 ... 240 V DC (85 ... 264 V AC/99 ... 275 V DC)	35 x 135 x 125	6EP3323-7SB00-0AX0			
	24 V DC/3.7 A, NEC Class 2, PSU6200		35 x 135 x 125	6EP3333-7LB00-0AX0			
	24 V DC/5 A, PSU6200		35 x 135 x 125	6EP3333-7SB00-0AX0			
	24 V DC/5 A, PSU6200 Ex		35 x 135 x 125	6EP3333-7SC00-0AX0			
	12 V DC/12 A, PSU6200	120 ... 230 V AC/110 ... 240 V DC (85 ... 264 V AC/85 ... 275 V DC)	45 x 135 x 125	6EP3324-7SB00-3AX0			
	24 V DC/10 A, PSU6200		45 x 135 x 125	6EP3334-7SB00-3AX0			
	24 V DC/10 A, PSU6200 Ex		45 x 135 x 125	6EP3334-7SC00-3AX0			
	48 V DC/5 A, PSU6200		45 x 135 x 125	6EP3344-7SB00-3AX0			
	24 V DC/20 A, PSU6200		70 x 135 x 125	6EP3336-7SB00-3AX0			
	24 V DC/20 A, PSU6200 Ex		70 x 135 x 125	6EP3336-7SC00-3AX0			
	24 V DC/40 A, PSU6200 NEW		115 x 135 x 125	6EP3337-7SB00-3AX0			
	48 V DC/10 A, PSU6200		70 x 135 x 155	6EP3346-7SB00-3AX0			
	24 V DC/5 A, PSU6200	400 ... 500 V 3 AC (323 ... 576 V 3 AC/450 ... 600 V DC)	35 x 135 x 125	6EP3433-7SB00-0AX0			
	24 V DC/5 A, PSU6200 Ex		35 x 135 x 125	6EP3433-7SC00-0AX0			
	24 V DC/10 A, PSU6200		45 x 135 x 155	6EP3434-7SB00-3AX0			
	24 V DC/10 A, PSU6200 Ex		45 x 135 x 155	6EP3434-7SC00-3AX0			
	48 V DC/5 A, PSU6200		45 x 135 x 155	6EP3444-7SB00-3AX0			
24 V DC/20 A, PSU6200		70 x 135 x 155	6EP3436-7SB00-3AX0				
24 V DC/20 A, PSU6200 Ex		70 x 135 x 155	6EP3436-7SC00-3AX0				
48 V DC/10 A, PSU6200		70 x 135 x 155	6EP3446-7SB00-3AX0				
24 V DC/40 A, PSU6200		95 x 135 x 155	6EP3437-7SB00-3AX0				
24 V DC/40 A, PSU6200 Ex		95 x 135 x 155	6EP3437-7SC00-3AX0				
48 V DC/20 A, PSU6200		95 x 135 x 155	6EP3447-7SB00-3AX0				
SITOP smart – Powerful standard power supply							
	12 V DC/7 A, PSU100S	120/230 V AC (85 ... 132/170 ... 264 V AC)	50 x 125 x 120	6EP1322-2BA00	<ul style="list-style-type: none"> Space-saving, slim design PSU100S with automatic range switch over 120/230 V AC Extra power (1.5 x I_{rated} for 5 s) for brief operational overload Permanent overload capacity (1.2 x I_{rated}) to 45 °C ambient temperature (24 V devices) Green LED and signaling contact "Output voltage ok" Adjustable output voltage up to 28 V DC or 15.5 V DC (12 V devices) Expandable with redundancy module, selectivity/diagnostics module, buffer module, and DC UPS 		
	12 V DC/14 A, PSU100S		70 x 125 x 120	6EP1323-2BA00			
	24 V DC/2.5 A, PSU100S		32.5 x 125 x 120	6EP1332-2BA20			
	24 V DC/5 A, PSU100S		50 x 125 x 120	6EP1333-2BA20			
	24 V DC/10 A, PSU100S		70 x 125 x 120	6EP1334-2BA20			
	24 V DC/20 A, PSU100S		115 x 145 x 150	6EP1336-2BA10			
	24 V DC/5 A, PSU300S	400 ... 500 V 3 AC (340 ... 550 V 3 AC)	50 x 125 x 120	6EP1433-2BA20			
	24 V DC/10 A, PSU300S		70 x 125 x 120	6EP1434-2BA20			
	24 V DC/20 A, PSU300S		90 x 145 x 150	6EP1436-2BA10			
	24 V DC/40 A, PSU300S		150 x 145 x 150	6EP1437-2BA20			
Basic power supplies							
SITOP PSU4200 - Power supply with fresh power for basic applications							
	24 V DC/3 A, PSU4200	120/230 V AC (85 ... 132/187 ... 264 V AC)	50 x 135 x 125	6EP3332-3SB00-0AX0	<ul style="list-style-type: none"> For industrial applications with basic requirements LED power monitor Adjustable output voltage Up to 93 % efficiency Active PFC in 20 A devices for low degree of idle current and inrush current Temperature range -25 °C ... +70 °C Push in connection technology Expandable with all SITOP add-on modules 		
	24 V DC/5 A, PSU4200		50 x 135 x 125	6EP3333-3SB00-0AX0			
	24 V DC/10 A, PSU4200		70 x 135 x 125	6EP3334-3SB00-0AX0			
	24 V DC/20 A, PSU4200		70 x 135 x 125	6EP3336-3SB00-0AX0			
	24 V DC/10 A, PSU4200	400 ... 500 V 3 AC (340 ... 550 V 3 AC)	70 x 135 x 125	6EP3434-3SB00-0AX0			
	24 V DC/20 A, PSU4200		95 x 135 x 150	6EP3436-3SB00-0AX0			
LOGO!Power 4th generation – Flat power supply for distribution boards in LOGO! 8 design							
	5 V DC/3 A	100 ... 240 V AC (85 ... 264 V AC/110 ... 300 V DC)	36 x 90 x 53	6EP3310-6SB00-0AY0	<ul style="list-style-type: none"> Flat power supplies with widths from 18 mm (1 division unit) Wide-range AC and DC input Voltage measuring point for output current Up to 90 % efficiency over entire load range Very low no-load losses of < 0.3 % Constant current and power reserve for loads with high inrush currents Flexible rail or wall mounting Green LED for "Output voltage ok" Adjustable output voltage Temperature range -25 °C ... +70 °C 		
	5 V DC/6.3 A		54 x 90 x 53	6EP3311-6SB00-0AY0			
	12 V DC/0.9 A		18 x 90 x 53	6EP3320-6SB00-0AY0			
	12 V DC/1.9 A		36 x 90 x 53	6EP3321-6SB00-0AY0			
	12 V DC/4.5 A		54 x 90 x 53	6EP3322-6SB00-0AY0			
	15 V DC/1.9 A		36 x 90 x 53	6EP3321-6SB10-0AY0			
	15 V DC/4 A		54 x 90 x 53	6EP3322-6SB10-0AY0			
	24 V DC/0.6 A		18 x 90 x 53	6EP3330-6SB00-0AY0			
	24 V DC/1.3 A		36 x 90 x 53	6EP3331-6SB00-0AY0			
	24 V DC/2.5 A		54 x 90 x 53	6EP3332-6SB00-0AY0			
	24 V DC/4 A		72 x 90 x 53	6EP3333-6SB00-0AY0			
	24 V DC/4 A, Ex		72 x 90 x 53	6EP3333-6SC00-0AY0			
	Power supply in SIMATIC design						
		24 V DC/5 A, PM 1207 NEU	120 ... 230 V AC/120 ... 240 V DC (85 ... 264 V AC/99 ... 275 V DC)	70 x 125 x 100		6EP3333-4SB00-3AX0	<ul style="list-style-type: none"> Compact power module in the design of the S7-1200 2nd generation with wide-range input Diagnostics interface Ex variant for hazardous areas Compact power module for SIMATIC S7-1200 with automatic range switchover Load power supply of SIMATIC S7-1500 in slimline design with automatic range switchover and extra power (1.5 x I_{rated} for 5 s/min) 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 plug for 3 load circuits Power supply in IP67 degree of protection for electronics/sensors and load voltage for the SIMATIC ET200pro
24 V DC/5 A, PM 1207 Ex NEU				6EP3333-4SC00-3AX0			
24 V DC/2.5 A, PM 1207		120/230 V AC (85 ... 132/176 ... 264 V AC)	70 x 100 x 75	6EP1332-1SH71			
24 V DC/3 A, PM 1507		120/230 V AC (85 ... 132/170 ... 264 V AC)	50 x 147 x 135	6EP1332-4BA00			
24 V DC/8 A, PM 1507			75 x 147 x 135	6EP1333-4BA00			
24 V DC/5 A, ET 200SP PS		120/230 V AC (85 ... 132/170 ... 264 V AC)	160 x 117 x 75	6EP7133-6AE00-0BN0			
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			
DC/DC converter							
		24 V DC/2.5 A, PSU3400 uni	24 V DC (18 ... 264 V DC), 230 V AC (88 ... 264 V AC)	32 x 100 x 100	6EP3332-0TA00-0AY0	<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 PSU3400 uni with universal input for 24 ... 240 V DC or 100 ... 240 V AC High input voltage, e.g., for operation at the DC link of drives High efficiency of 95 % 	
	24 V DC/4 A, PSU3400	12 V DC (9 ... 18 V DC)	32 x 100 x 100	6EP3133-0TA10-0AY0			
	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			
	24 V DC/15 A, PSU3400		42 x 125 x 100	6EP3134-0TA00-0AY0			
	24 V DC/5 A, PSU3400		32 x 100 x 120	6EP3124-0TA00-0AY0			
	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			

¹⁾ Current ordering data plus terms and conditions of sale and delivery can be found in the Catalog KT10.1 and in the Internet at siemens.com/industrymall

Order overview SITOP – regulated power supplies, expansion modules, and DC UPS

	Product	Rated input voltage (range)	Dimensions in mm (W x H x D)	Article number ¹⁾	Short description	
Power supplies in special design, for special uses						
	12 V DC/3 A, PSU100D	100 ... 240 V AC (90 ... 264 V AC)	82 x 99 x 29	6EP1321-1LD01	<ul style="list-style-type: none"> Low-cost power supply for wall mounting in various installation positions Rugged aluminum enclosure Green LED for "Output voltage ok" Adjustable output voltage Temperature range from –25 °C ... +70 °C 	
	12 V DC/8.5 A, PSU100D		97 x 129 x 30	6EP1322-1LD01		
	24 V DC/2.2 A, PSU100D		82 x 99 x 29	6EP1331-1LD01		
	24 V DC/6.25 A, PSU100D	100 ... 120/200 ... 240 V AC (90 ... 132/180 ... 264 V AC)	97 x 159 x 30	6EP1333-1LD01		
	24 V DC/14.6 A, PSU100D		115 x 215 x 30	6EP1334-1LD01		
	24 V DC/5 A, PSU100P	120 ... 230 V AC (85 ... 132/170 ... 264 V AC)	120 x 181 x 60	6EP1333-7CA10		
	24 V DC/8 A, PSU100P			6EP1334-7CA10	<ul style="list-style-type: none"> Rugged metal enclosure in IP67 degree of protection for distributed use Signaling contact and LED for operation status NEW: PSU100P output with metric thread and M12L-coded plug 	
	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		
	48 V DC/5 A, PSU100E	120/230 V AC (85 ... 132/170 ... 264 V AC)	42 x 125 x 125	6EP3344-0S800-0AY0	<ul style="list-style-type: none"> Single-phase 48 V DC power supply in a slim aluminum enclosure 	
	24 V DC/5 A, PSU300E	400 ... 500 V 3 AC (320 ... 550 V 3 AC)	42 x 125 x 125	6EP1433-0AA00	<ul style="list-style-type: none"> 3-phase 24 V DC power supply in a slim aluminum enclosure 	
	12 V DC/20 A, PSU3800	400 ... 500 V 3 AC (320 ... 575 V 3 AC)	70 x 125 x 125	6EP3424-8UB00-0AY0	<ul style="list-style-type: none"> Optimized power supply for battery charging, with selectable output characteristic, functional expansion possible using expansion modules 	
	24 V DC/17 A, PSU3800		70 x 125 x 125	6EP3436-8UB00-0AY0		
	24 V DC/30 ... 40 A, PSU3800		135 x 145 x 150	6EP3437-8UB00-0AY0		
3 ... 52 V DC/10 A, PSU3600 flexi	120 ... 230 V AC (85 ... 264 V AC/88 ... 250 V DC)	42 x 125 x 135	6EP3343-0SA00-0AY0	<ul style="list-style-type: none"> Compact multi-function power supply unit with flexible setting of the output voltage, also dynamically from 0 ... 52 V DC via signal input 		
15 V/3.5 A 2 x DC, PSU3600 dual	120 ... 230 V AC (85 ... 264 V AC/88 ... 250 V DC)	42 x 125 x 125	6EP3323-0SA00-0BY0	<ul style="list-style-type: none"> Two outputs, each can be set between 12 and 28 V DC, e.g., for +/- 15 V DC or 2 voltage levels, e.g., 12 V DC and 24 V DC Each output with limited power according to NEC Class 2 		
Expansion modules to increase system availability						
	Redundancy module, RED1200 • 20 A	12 V DC, 24 V, 48 V (10 ... 58 V DC)	35 x 135 x 125	6EP4346-7RB00-0AX0	<ul style="list-style-type: none"> Redundancy modules RED1200/PSE202U for decoupling SITOP power supply units of the same type: <ul style="list-style-type: none"> 24 V/10 A: 2 power supply units up to 5 A or 1 up to 10 A 24 V/NEC Class 2: 2 up to 40 A with limiting of output to 100 VA 20 A: 2 up to 10 A or 1 up to 20 A 40 A: 2 up to 20 A or 1 up to 40 A 80 A: 2 up to 40 A (RED1200) Redundancy modules RED1200 additionally provide: <ul style="list-style-type: none"> Decoupling of 12 V to 48 V DC power supply units Series connection to increase the voltage up to 96 V DC Parallel connection of more than two power supply units to increase the power 40 A also as variant for hazardous areas zone 2 In PSU6200 design, push-in terminals 	
	• 40 A		45 x 135 x 125	6EP4347-7RB00-0AX0		
	• 40 A, Ex		45 x 135 x 125	6EP4347-7RC00-0AX0		
	• 80 A		45 x 135 x 155	6EP4348-7RB00-0AX0		
Redundancy module PSE202U • 24 V DC/10 A	24 V DC (19 ... 29 V DC)	30 x 80 x 100	6EP1964-2BA00			
• 24 V DC/NEC Class 2	24 V DC (19 ... 29 V DC)	30 x 80 x 100	6EP1962-2BA00			
• 24 V DC/40 A	24 V DC (24 ... 28.8 V DC)	70 x 125 x 125	6EP1961-3BA21			
Buffer module PSE201U 200 ms/40 A for SITOP PSU8200, PSU6200, and SITOP smart	24 V DC (24 ... 28.8 V DC)	70 x 125 x 125	6EP1961-3BA01	<ul style="list-style-type: none"> Buffering of short-term network failures into the seconds range, buffer time depending on load, e.g.: PSE201U: 200 ms/40 A, 1.6 s/5 A, max. 10 s, BUF1200: 300 ms/40 A, 2.4 s/ 5 A, the buffer time can be increased by connecting buffer modules in parallel 		
Buffer module BUF1200 300 ms/40 A for all power supply units 24 V SITOP	24 V DC (20 ... 30 V DC)	70 x 135 x 155	6EP4231-7HB00-0AX0			
• 300 ms/40 A, Ex	24 V DC (20 ... 30 V)	70 x 135 x 155	6EP4231-7HC00-0AX0			
	Selectivity module SEL1200 • 4 x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7FB00-3CX0	<ul style="list-style-type: none"> Selectivity modules for electronic protection of 24 V DC and 48 V DC feeders and quick fault localization SEL1200/ SEL1600: switch-off characteristic for standard protection SEL1400/PSE200U: current-limiting for increased requirements regarding protection Manual activation and deactivation of feeders via reset button Remote reset for temporary faults Sequential connection reduces total inrush current With group signaling contact or single-channel signaling for channel-specific evaluation SEL1200/1400/1600 with diagnostics of voltage, current, set threshold value, reason for shutdown, etc. per output Variants for hazardous areas zone 2 PSE200U: voltage measuring point for current per output (1 V ± 1 A) SEL1600: Basic module with IO-Link interface and 4-digit display for remote and on-site diagnostics and parameter assignment, expansion modules allow extension to up to 40 outputs, 2 outputs can be paralleled for 20 A. Optimal add-on modules for the power supply PSU8400 IOL. 	
	• 8 x 1 ... 5 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7FB00-3DX0		
	• 8 x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7FB00-3DX0		
	• 8 x 2 ... 10 A, Ex	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7FC00-3DX0		
	• 8 x 1 ... 10 A, 48 V	48 V DC (DC 40 ... 56 V DC)	45 x 135 x 125	6EP4448-7FB00-3CX0		
	Selectivity module SEL1400 • 4 x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7EB00-3CX0		
	• 8 x 1 ... 5 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7EB00-3DX0		
	• 8 x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7EB00-3DX0		
	• 8 x 2 ... 10 A, Ex	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7EC00-3DX0		
	Selectivity module SEL1600 with IO-Link NEW	24 V DC (20.4 ... 30 V DC)	63 x 145 x 125	6EP4437-8FB00-4CY0		
• Basic module 4 x 0.5 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 145 x 125	6EP4437-8FB00-0CY0			
	Selectivity module PSE200U ... with common signaling contact • 4 x 0.5 ... 3 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA11		
	• 4 x 0.5 ... 3 A NEC Class 2	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA51		
	• 4 x 3 ... 10 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA21		
	... with single-channel signaling • 4 x 0.5 ... 3 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA31		
	• 4 x 0.5 ... 3 A NEC Class 2	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA61		
	• 4 x 3 ... 10 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA41		
	Diagnostics module SITOP select • 4 x 2 ... 10 A	24 V DC (22... 30 V DC)	72 x 90 x 90	6EP1961-2BA00		
		Power boost module SITOP PBM1200 NEW	24 V DC/48 V (20.5 ... 57 V DC)	45 x 135 x 125	6EP4240-7HB00-0AX0	<ul style="list-style-type: none"> Power boost module supplies high peak current for electromagnetic tripping of circuit breakers Add-on module for SITOP basic and standard power supplies 24 V/20 A, 40 A and 48 V/ 10 A, 20 A
		Chopper module SITOP CHO1400 NEW	24 ... 28 V DC/48 ... 56 V	45 x 135 x 155	6EP4548-7XB00-3AX0	<ul style="list-style-type: none"> Chopper module protects power supplies and add-ons from critical reverse voltages, e.g. from regenerative motors Reduction of 1000 W/1800 Ws via internal braking resistors, doubling of performance/ energy possible with additional chopper module Diagnostics interface like SITOP PSU6200
Maintenance-free SITOP DC UPS with capacitors – Uninterruptible power supply up to minutes						
	24 V DC/15 A, 2.5 kW, UPS500S	24 V DC (22 ... 29 V DC), SITOP 24 V	120 x 125 x 125	6EP1933-2EC41	<ul style="list-style-type: none"> DC UPS modules with integral energy buffer, digital inputs and outputs, and USB interface Totally maintenance-free DC UPS with double-layer capacitors SITOP UPS500S can be combined with up to three expansion modules UPS501S Capacitors eliminate battery replacement Long service life even at high ambient temperature Variants for hazardous areas zone 2 No ventilation of the mounting location necessary SITOP Manager (free download) supports further processing and response of the PC 	
	24 V DC/15 A, 5 kW, UPS500S		120 x 125 x 125	6EP1933-2EC51		
	24 V DC/15 A, 5 kW, UPS500S Ex		120 x 125 x 125	6EP1933-2EC51-8AA0		
	24 V DC/15 A, 5 kW, UPS501S	24 V DC, UPS500S	70 x 125 x 125	6EP1935-5PG01		
	24 V DC/15 A, 5 kW, UPS501S Ex		70 x 125 x 125	6EP1935-5PG01-8AA0		
DC UPS with battery modules – Uninterruptible power supply up to hours, optionally with Ethernet/PROFINET connection and TIA integration						
	SITOP UPS1600, 24 V DC/10 A	24 V DC (22 ... 29 V DC), input voltage via 24 V DC SITOP power supply unit	50 x 125 x 125	6EP4134-3AB00-0AY0	<ul style="list-style-type: none"> DC UPS module with digital inputs/outputs, with USB or Ethernet/PROFINET interfaces as option New maintenance-free battery modules BAT1600 with automatic detection by UPS1600 BAT1600 2.5 and 7.5 Ah in Lithium technology (LiFePO4) with a long durability at high temperature UPS1600 and BAT1600 variants for hazardous areas zone 2 Intelligent battery management for monitoring operational readiness, battery supply line, battery charge status, and durability, selection of optimum, temperature-driven charging characteristic High overload capacity and high charging current Minimum standby consumption SITOP Manager (free download) supports configuration and monitoring in PC-based systems Complete integration into TIA: user-friendly engineering in the TIA Portal, function blocks for S7 user programs and WinCC faceplates (free download) Integrated OPC UA Server 	
	• with USB interface		50 x 125 x 125	6EP4134-3AB00-1AY0		
	• with IE/PN interface (2 ports)		50 x 125 x 125	6EP4134-3AB00-2AY0		
	SITOP UPS1600, 24 V DC/20 A		50 x 125 x 125	6EP4136-3AB00-0AY0		
	• Ex (without interface)		50 x 125 x 125	6EP4136-3AC00-0AY0		
	• with USB interface		50 x 125 x 125	6EP4136-3AB00-1AY0		
	• with IE/PN interface (2 ports)		50 x 125 x 125	6EP4136-3AB00-2AY0		
	• with IE/PN interface (2 ports), Ex		50 x 125 x 125	6EP4136-3AC00-2AY0		
	SITOP UPS1600, 24 V DC/40 A		70 x 125 x 150	6EP4137-3AB00-0AY0		
	• with USB interface		70 x 125 x 150	6EP4137-3AB00-1AY0		
	• with IE/PN interface (2 ports)		70 x 125 x 150	6EP4137-3AB00-2AY0		
	SITOP BAT1600 • 24 V DC/2.5 Ah LiFePO4	End-of-charge voltage, automatically set by UPS1600	89 x 156 x 129	6EP4132-0JA00-0AY0		
	• 24 V DC/3.2 Ah PB		89 x 156 x 169	6EP4133-0GA00-0AY0		
	• 24 V DC/3.2 Ah, PB, Ex		89 x 156 x 169	6EP4133-0GD00-0AY0		
	• 24 V DC/7.5 Ah LiFePO4		238 x 156 x 129	6EP4134-0JA00-0AY0		
• 24 V DC/12 Ah, PB		238 x 156 x 125	6EP4135-0GE00-0AY0			
• 24 V DC/12 Ah, PB, Ex		238 x 156 x 125	6EP4135-0GL00-0AY0			
• 24 V DC/38 Ah, PB		394 x 212 x 165	6EP4137-0GE00-0AY0			

¹⁾ Current ordering data plus terms and conditions of sale and delivery can be found in the Catalog KT10.1 and in the Internet at [siemens.com/industry](https://www.siemens.com/industry)

Security information

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