

	Output/Type	Rated input voltage (range)	Dimensions in mm (WxHxD)	Article No. Siemens ¹⁾	Short description
Power supplies in special design, for special uses					
	12 V DC/3 A, PSU100D	100 – 240 V AC (85 ... 264 V AC)	97 x 98 x 38	6EP1321-1LD00	
	12 V DC/8.3 A, PSU100D		97 x 158 x 38	6EP1322-1LD00	
	24 V DC/2.1 A, PSU100D		97 x 128 x 38	6EP1331-1LD00	
	24 V DC/3.1 A, PSU100D		97 x 128 x 38	6EP1332-1LD00	
	24 V DC/4.1 A, PSU100D		97 x 158 x 38	6EP1332-1LD10	
	24 V DC/6.2 A, PSU100D		97 x 178 x 38	6EP1333-1LD00	
	24 V DC/12.5 A, PSU100D		105 x 199 x 41	6EP1334-1LD00	
	24 V DC/5 A, PSU100P	120 – 230 V AC (85 ... 132 V/170 ... 264 V AC)	120 x 181 x 60	6EP1333-7CA00	
	24 V DC/8 A, PSU100P			6EP1334-7CA00	
	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	6EP3344-0SB00-0AY0	• Single-phase 48 V DC power supply in 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	• 3-phase 24 V DC power supply in a slim aluminium housing
	12 V DC/20 A, PSU3800	400 – 500 V 3 AC (320 ... 575 V 3 AC)	70 x 125 x 125	6EP3424-8UB00-0AY0	• 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 A, 40 A, PSU3800		135 x 145 x 150	6EP3437-8UB00-0AY0	
	3 ... 52 V DC/10 A, SITOP PSU3600 flexi	120 – 230 V AC (85 ... 264 V AC, 88 ... 250 V DC)	42 x 125 x 135	6EP3343-0SA00-0AY0	• Compact multi-function power supply unit with flexible setting of the output voltage, also dynamically 0 ... 52 V DC via signal input
	2x 15 V DC/3.5 A, SITOP PSU3600 dual	120 – 230 V AC (85 ... 264 V AC, 88 ... 250 V DC)	42 x 125 x 125	6EP3323-0SA00-0BY0	• 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, 24 V, 48 V DC (10 ... 58 V DC)	35 x 135 x 125	6EP4346-7RB00-0AX0	Redundancy modules RED1200/PSE202U for decoupling SITOP power supply units of the same type:
	• 40 A		45 x 135 x 125	6EP4347-7RB00-0AX0	• 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
	Redundancy module PSE202U • 24 V DC/10 A	24 V DC (19 ... 29 V DC)	30 x 80 x 100	6EP1964-2BA00	• 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
	• 24 V DC/NEC Class2	24 V DC (19 ... 29 V DC)	30 x 80 x 100	6EP1962-2BA00	Redundancy modules RED1200 additionally provide:
	• 24 V DC/40 A	24 V DC (24 ... 28.8 V DC)	70 x 125 x 125	6EP1961-3BA21	• 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 2 power supply units to increase the power • In PSU6200 design, push-in terminals
	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	• Bridges power failures for up to a period of seconds
	Selectivity module SEL1200 • 4x 2...10 A NEW	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7FB00-3CX0	• Selectivity modules for electronic protection of 24 V DC feeders and quick fault localization • SEL1200: switch-off characteristic for standard protection
	• 8x 1...5 A NEW	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7FB00-3DX0	• SEL1400/PSE200U: current-limiting for increased requirements regarding protection
	• 8x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7FB00-3DX0	• 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 via SIMATIC S7 function block
	Selectivity module SEL1400 • 4x 2 ... 10 A NEW	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4437-7EB00-3CX0	• SEL1200/1400 with diagnostics of voltage, current, set threshold value, reason for shutdown, etc. per output • PSE200U: Voltage measuring point for current per output (1 V ± 1 A)
	• 8x 2 ... 10 A	24 V DC (20.4 ... 30 V DC)	45 x 135 x 125	6EP4438-7EB00-3DX0	
	Selectivity module PSE200U ... with common alarm signal				
	• 4x 0.5 ... 3 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA11	
	• 4x 0.5 ... 3 A NEC Class 2	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA51	
	• 4x 3 ... 10 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA21	
	... with single-channel signaling				
	• 4x 0.5 ... 3 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA31	
	• 4x 0.5 ... 3 A NEC Class 2	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA61	
	• 4x 3 ... 10 A	24 V DC (22 ... 30 V DC)	72 x 80 x 72	6EP1961-2BA41	
	Diagnosis module SITOP select • 4x 2 ... 10 A	24 V DC (22 ... 30 V DC)	72 x 90 x 90	6EP1961-2BA00	
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	• DC UPS modules with integral energy buffer, digital inputs and outputs and USB interface
	24 V DC/15 A, 5 kW, UPS500S		120 x 125 x 125	6EP1933-2EC51	• Totally maintenance-free DC UPS with double-layer capacitors
	24 V DC/15 A, 5 kW, UPS501S	24 V DC, UPS500S	70 x 125 x 125	6EP1935-5PG01	• SITOP UPS500S can be combined with up to 3 expansion modules UPS501S • Capacitors eliminate battery replacement • Long service life even at high ambient temperature • No ventilation of the mounting location is necessary • SITOP-Manager (free download) supports further processing and response of the PC
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 • with USB interface	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	• DC UPS module with digital inputs/outputs, with USB or Ethernet/Profinet interfaces as option
	• with Ethernet/PROFINET interface (2 ports)		50 x 125 x 125	6EP4134-3AB00-1AY0	• Maintenance-free UPS1100 battery modules with automatic detection by UPS1600
	SITOP UPS1600, 24 V DC/20 A • with USB interface		50 x 125 x 125	6EP4136-3AB00-0AY0	• UPS 1100 5 Ah in Lithium technology (LiFePo) with a long durability at high temperature
	• with Ethernet/PROFINET interface (2 ports)		50 x 125 x 125	6EP4136-3AB00-1AY0	• Intelligent battery management for monitoring operational readiness, battery supply line and battery charge status.
	SITOP UPS1600, 24 V DC/40 A • with USB interface		70 x 125 x 150	6EP4137-3AB00-0AY0	Selection of optimum, temperature-driven charging characteristic
	• with Ethernet/PROFINET interface (2 ports)		70 x 125 x 150	6EP4137-3AB00-1AY0	• High overload capacity and high charging current
	SITOP UPS1100 • 24 V DC/1.2 Ah	End-of-charge voltage, automatically set by UPS1600: Battery modules UPS1100 1.2/2.5/3.2/7/12 Ah:	89 x 130 x 107	6EP4131-0GB00-0AY0	• Minimum standby consumption
	• 24 V DC/3.2 Ah	28.0 ... 27.3 V DC (< +20 °C), 26.8 ... 26.3 V DC (> +20 °C)	190 x 169 x 80	6EP4133-0GB00-0AY0	• SITOP Manager (free SW download) supports configuration and monitoring in PC-based systems
	• 24 V DC/7 Ah		186 x 186 x 110	6EP4134-0GB00-0AY0	• Complete integration into TIA: User-friendly engineering in the TIA Portal, function blocks for S7 user programs and WinCC faceplates (free download)
	• 24 V DC/12 Ah		253 x 186 x 110	6EP4135-0GB00-0AY0	• Integrated Web server and OPC UA server
	• 24 V DC/2.5 Ah, extended temperature range	Battery module UPS1100 5 Ah LiFePo:	265 x 115 x 76	6EP4132-0GB00-0AY0	
	• 24 V DC/5 Ah, LiFePo	28.8 V DC (-20 ... +50 °C)	189 x 186 x 113	6EP4133-0JB00-0AY0	

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 www.siemens.com/industrymall

www.siemens.com/sitop



Order overview SITOP

Regulated Power Supplies, Expansion modules and DC UPS

	Output/Type	Rated input voltage (range)	Dimensions in mm (WxHxD)	Article No. Siemens ¹⁾	Short description		
Advanced power supplies							
SITOP PSU8600 – The power supply system for digitalization and Industry 4.0							
PSU8600 1AC basic unit • 24 V DC/20 A/4 x 5 A NEW	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 4 CNX8600 modules and 2 BUF8600/UPS8600 modules Expansion module for up to 36 outputs CNX8600 8x2.5 A with NEC Class 2 Outputs individually adjustable: Voltage (4 - 28 V DC) and current Buffer modules with electrolytic or double-layer capacitors to protect against brief power surges UPS module with lead or lithium iron phosphate battery modules to protect against longer power failures Two Ethernet/PROFINET ports for optimum integration in plants Integrated Web server and OPC UA server Simple engineering and comprehensive monitoring and diagnosis in TIA Portal Support of energy management due to capturing energy data and selectively switching off the outputs 			
PSU8600 3AC basic unit • 24 V DC/20 A	400-500 V 3 AC, (320 ... 575 V 3 AC)	80 x 125 x 150	6EP3436-8SB00-2AY0				
• 24 V DC/20 A/4 x 5 A		100 x 125 x 150	6EP3436-8MB00-2CY0				
• 24 V DC/40 A		125 x 125 x 150	6EP3437-8SB00-2AY0				
• 24 V DC/40A/4 x 10 A		125 x 125 x 150	6EP3437-8MB00-2CY0				
Modular system: CNX8600 expansion module • 24 V DC/4 x 5 A	Supply from basic unit PSU8600 via connection „System Clip Link“	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 Class2		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 • UPS module UPS860		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 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 ($1.5 \times I_{rated}$ for 5 s/min for brief operational overload) Power Boost ($3 \times I_{rated}$ for 25 ms) for triggering protective equipment Switchable characteristic curves for parallel operation and short-circuit protection Operation status indicated by 3 LEDs 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		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/88 ... 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/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 ($1.5 \times I_{nom}$ for 5 s) and constant current behavior Permanent overload capacity ($1.2 \times I_{nom}$) 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 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 Class2, PSU6200		35 x 135 x 125	6EP3333-7LB00-0AX0				
24 V DC/5 A, PSU6200		35 x 135 x 125	6EP3333-7SB00-0AX0				
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				
48 V DC/5 A, PSU6200 NEW		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/5 A, PSU6200 NEW	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/10 A, PSU6200 NEW		45 x 135 x 155	6EP3434-7SB00-3AX0				
24 V DC/20 A, PSU6200 NEW		70 x 135 x 155	6EP3436-7SB00-3AX0				
SITOP smart – Powerful standard power supply							
12 V DC/7 A, PSU100S	120/230 V AC (85 ... 132/176 ... 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 ($1.5 \times I_{rated}$ for 5 s) for brief operational overload Permanent overload capacity ($1.2 \times I_{rated}$) to 45 °C ambient temperature (24 V devices) Green LED and signaling contact „Output voltage OK“ Adjustable output voltage up to 28.0 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 lite – Cost-effective basic power supply							
24 V DC/2.5 A, PSU100L	120/230 V AC (93 ... 132/176 ... 264 V AC)	32,5 x 125 x 120	6EP1332-1LB00	<ul style="list-style-type: none"> For industrial applications and basic requirements Narrow width Green LED for "24 V OK" Adjustable output voltage 			
24 V DC/5 A, PSU100L		50 x 125 x 120	6EP1333-1LB00				
24 V DC/10 A, PSU100L		70 x 125 x 120	6EP1334-1LB00				
24 V DC/20 A, PSU100L	100 – 240 V AC (85 ... 264 V AC/88 ... 370 V DC)	110 x 125 x 125	6EP1336-1LB00				
LOGO!Power 4th generation – Flat power supply for distribution boards in LOGO! 8 design							
5 V DC/3.0 A	100 – 240 V AC (85 ... 132/176 ... 264 V AC)	36 x 90 x 53	6EP3310-6SB00-0AY0	<ul style="list-style-type: none"> The 4th generation with even more power in a smaller space: every performance class is 18 mm (1 modular width) narrower New performance class only 18 mm wide 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 ... +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/4.0 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				
Power supply in SIMATIC-Design							