



How do you choose a power supply?

- ♥ **1** What system feeds the power supply?
→ single-phase or three-phase
- ♥ **2** What DC voltage must be present at the output?
→ usually 24 V DC
- ♥ **3** What current level must be present at the output?
- ♥ **4** What functions does the application need?
→ Advanced, Standard, Basic

SITOP –

The heart of automation

SITOP power supplies bring production processes in digital industries to life. That's because they're reliable, efficient, and easy to integrate thanks to their fast, straightforward engineering.



Benefits

- ⇄ Reduce unscheduled downtimes
- ⇄ Reduce wiring time thanks to push-in connectivity
- ☑ Predictive maintenance thanks to integrative signaling (diagnosis)
- ≡ Space-saving modules in compact design
- ★ Excellent overload behavior

	Input	Output voltage	Current	Family	Dimensions in mm (W x H x D)	Article number	Characteristics	Reference images						
Advanced power supplies	SITOP PSU8200 – Advanced power supply technology for demanding solutions													
	1-phase	24 V DC	5 A	PSU8200	45 x 125 x 125	6EP3333-8SB00-0AY0	<ul style="list-style-type: none"> Wide range of input voltage High efficiency (up to 95%) Extra Power (1.5 x rated current per 5 s/min) for short-term operational overloads Power Boost (3 x rated current per 25 ms) to ensure tripping of MCBs Operating status display (3 LEDs) Signaling contact "DC OK" Adjustable output voltage" 							
			10 A		55 x 125 x 125	6EP3334-8SB00-0AY0								
			20 A		90 x 125 x 125	6EP1336-3BA10								
			40 A		90 x 125 x 125	6EP3337-8SB00-0AY0								
	1-phase / 2-phase		5 A	PSU200M	70 x 125 x 125	6EP1333-3BA10								
			10 A		70 x 125 x 125	6EP1334-3BA10								
	3-phase		20 A	PSU8200	70 x 125 x 125	6EP3436-8SB00-0AY0								
			40 A		135 x 145 x 150	6EP3437-8SB00-0AY0								
	Standard power supplies	SITOP PSU6200 – The global power supply for a wide range of applications												
1-phase		24 V DC	2.5 A	PSU6200	40 x 100 x 88	6EP3332-7SB00-0AX0			<ul style="list-style-type: none"> Wide range of input voltage (AC and DC) Extra Power (1.5 x rated current per 5 s/min) Continuous overload capability (1.2 x In) for ambient temperature < 45°C Push-in terminals LED and signaling contact "DC OK" (>3.7 A) Diagnostics for overload and life cycle (LEDs) Diagnostics interface to communicate important operating data (from 10 A) 					
			5 A		35 x 135 x 125	6EP3333-7SB00-0AX0								
			10 A		45 x 135 x 125	6EP3334-7SB00-3AX0								
			20 A		70 x 135 x 125	6EP3336-7SB00-3AX0								
3-phase			5 A	PSU6200	35 x 135 x 125	6EP3433-7SB00-0AX0								
			10 A		45 x 135 x 155	6EP3434-7SB00-3AX0								
			20 A		70 x 135 x 155	6EP3436-7SB00-3AX0								
			40 A		95 x 135 x 155	6EP3437-7SB00-3AX0								
SITOP smart – Powerful standard power supply														
1-phase			24 V DC	2.5 A	PSU100S	32.5 x 125 x 120	6EP1332-2BA20	<ul style="list-style-type: none"> PSU100S with automatic range adjustment 120/230 V AC Extra Power (1.5 x rated current per 5 s/min) for short-term operational overload Continuous overload capability (1.2 x In) for ambient temperature <45°C (24 V DC devices) Green LED and signaling contact "Output voltage OK" Adjustable output voltage up to 28 V DC 						
				5 A		50 x 125 x 120	6EP1333-2BA20							
				10 A		70 x 125 x 120	6EP1334-2BA20							
		20 A		115 x 145 x 150		6EP1336-2BA10								
3-phase		5 A		PSU300S	50 x 125 x 120	6EP1433-2BA20								
		10 A			70 x 125 x 120	6EP1434-2BA20								
	20 A	90 x 145 x 150			6EP1436-2BA10									
	40 A	150 x 145 x 150			6EP1437-2BA20									
Basic power supplies	SITOP Lite – Cost-effective basic power supply													
	1-phase	24 V DC		2.5 A	PSU100L	32.5 x 125 x 120	6EP1332-1LB00		<ul style="list-style-type: none"> For industrial applications with basic requirements Compact design Green LED status display "24 V OK" Adjustable output voltage" 					
				5 A		50 x 125 x 120	6EP1333-1LB00							
				10 A		70 x 125 x 120	6EP1334-1LB00							
			20 A	110 x 125 x 125		6EP1336-1LB00								
	LOGO!Power – Flat panel power supply for LOGO! distribution boards													
	1-phase		24 V DC	0.6 A	LOGO!	18 x 90 x 53	6EP3330-6SB00-0AY0					<ul style="list-style-type: none"> Flat design and flexible mounting (DIN rail or board) Wide range of input voltage (AC and DC) Efficiency >90% across the entire load range LED status display "Output voltage OK" 		
				1.3A		36 x 90 x 53	6EP3331-6SB00-0AY0							
				2.5 A		54 x 90 x 53	6EP3332-6SB00-0AY0							
		4 A		72 x 90 x 53		6EP3333-6SB00-0AY0								

SIEMENS

SITOP

Power supplies

SELECTION AND CONFIGURATION


TIA Selection Tool

TIA ST

Fast and reliable:

- 1 Enter TIA Selection Tool Cloud in your browser.
- 2 Select the "Neues Gerät" (New Device) option from the menu on the left.

- 3 Select „SITOP-Stromversorgung und DC-USV“ (SITOP power supply and DC UPS)

- 4 Filter the functions you need.

At least: Input voltage AC.
Output voltage DC.
Output current.
- 5 Each time you set a filter, the item numbers that match these characteristics are displayed.
- 6 You'll see everything that meets these criteria, from basic tools to advanced tool. Compare them and make your selection!

- 7 You can access the data sheet by clicking on the icon next to the item.




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