

# SITOP Power Supplies

## Switched Mode Regulated Technology

### Power supplies, single phase

#### Description

The compact regulated power supplies in LOGO! design are primary switched-mode devices, which offer high efficiency, safe electrical isolation (SELV) and low weight.




They provide a single-phase connection with a wide input voltage range for worldwide use and variable output voltage.

Different versions are available depending on the output current and output voltage required.

Power supplies offer:

- Single-phase connection with wide input voltage range.
- Adjustable output voltage.
- Green LED indication for output voltage status.
- Can be snapped on DIN rail.
- Radio interference suppression, class B.
- Ambient temperature -20 °C to +55 °C.

#### Selection and ordering data

	Design	Input voltage, rated value $U_e$ Rated	Output voltage, rated value $U_a$ Rated	Current, rated value $I_a$ Rated	Dimensions (W x H x D) mm	Order no.	Weight approx. kg
	<b>5 VDC power supplies</b>						
Enclosure 54 mm wide	<b>3 A</b>	100 – 240 VAC (85 – 264 VAC)	5 VDC ±3%	3 A	54 x 90 x 55	<b>6EP13111SH02</b>	0.2
	<b>6.3 A</b>	100 – 240 VAC (85 – 264 VAC)	5 VDC ±3%	6.3 A	72 x 90 x 55	<b>6EP13111SH12</b>	0.3
	<b>12 VDC power supplies</b>						
	<b>1.9 A</b>	100 – 240 VAC (85 – 264 VAC)	12 VDC ±3%	1.9 A	54 x 90 x 55	<b>6EP13211SH02</b>	0.2
	<b>4.5 A</b>	100 – 240 VAC (85 – 264 VAC)	12 VDC ±3%	4.5 A	72 x 90 x 55	<b>6EP13221SH02</b>	0.3
	<b>15 VDC power supplies</b>						
Enclosure 72 mm wide	<b>1.9 A</b>	100 – 240 VAC (85 – 264 VAC)	15 VDC ±3%	1.85 A	54 x 90 x 55	<b>6EP13511SH02</b>	0.2
	<b>4 A</b>	100 – 240 VAC (85 – 264 VAC)	15 VDC ±3%	4 A	72 x 90 x 55	<b>6EP13521SH02</b>	0.3
	<b>24 VDC power supplies</b>						
	<b>1.3 A</b>	100 – 240 VAC (85 – 264 VAC)	24 VDC ±3%	1.3 A	54 x 90 x 55	<b>6EP13311SH02</b>	0.2
	<b>2.5 A</b>	100 – 240 VAC (85 – 264 VAC)	24 VDC ±3%	2.5 A	72 x 90 x 55	<b>6EP13321SH42</b>	0.3
	<b>4 A</b>	100 – 240 VAC (85 – 264 VAC)	24 VDC ±3%	4 A	90 x 90 x 55	<b>6EP13321SH51</b>	0.3
Enclosure 90 mm wide							

Further information is provided in catalog KT 10.1 [or www.siemens.com/sitop](http://www.siemens.com/sitop)

# SITOP Power Supplies

## Switched Mode Regulated Technology

Power supplies, single-phase

### Description

SITOP switched mode power supplies offer high efficiency, safe electrical isolation (SELV) and low weight.

Different versions are available depending on the output current and application required.

The 2.5 A, 5 A and 10 A power supplies are the first members of a generation of 24 VDC power supplies, called SITOP smart.

They come with a 1/3 smaller width compared to the former generation, ATEX and UL class 1, div 2 agency approvals for









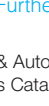
use in hazardous locations and a power boost function to serve high inrush loads.

Power supplies are suitable for worldwide single-phase networks. Every power supply provides LED status display, adjustable output voltage and can be snapped on DIN rail.

Power supplies meet

- radio interference suppression class B,
- ambient temperature range from 0 °C to +60 °C.

### Selection and ordering data

Design	Input voltage, rated value $U_{iR}$ Rated	Output voltage, rated value $U_{oR}$ Rated	Current, rated value $I_a$ Rated	Dimensions (W x H x D) mm	Order No.	Weight approx. kg	
<b>24 VDC power supplies</b>							
	<b>* 0.375 A</b>	48 – 220 VDC (30 – 264 VDC/ 30 – 187 VAC)	24 VDC ±2%	0.375 A	22.5 x 80 x 91	<b>6EP17312BA00</b>	0.2
	<b>* 0.5 A</b>	120 – 230 VAC (93 – 264 VAC)	24 VDC ±2%	0.5 A	22.5 x 80 x 91	<b>6EP13312BA10</b>	0.2
	Limitation of input current harmonics according to EN 61 000-3-2.						
	<b>2.5 A</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	24 VDC ±3%	2.5 A	33 x 125 x 125	<b>6EP13322BA10</b>	0.4
	Limitation of input current harmonics according to EN 61 000-3-2						
	<b>5 A</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	24 VDC ±3%	5 A	50 x 125 x 125	<b>6EP13332BA01</b>	0.5
	Limitation of input current harmonics according to EN 61 000-3-2						
	<b>5 A</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	24 VDC ±3%	5 A	50 x 125 x 125	<b>6EP13332AA01</b>	0.5
	Limitation of input current harmonics according to EN 61 000-3-2						
	<b>10 A</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	24 VDC ±3%	10 A	70 x 125 x 135	<b>6EP13342BA01</b>	0.8
	Limitation of input current harmonics according to EN 61 000-3-2						
	<b>10 A</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	24 VDC ±3%	10 A	70 x 125 x 135	<b>6EP13342AA01</b>	0.8
	Deg. of protection IP 65, adapted to ET 200X; Wall mounting radio interference suppression class A, ambient temperature -20°C to 55°C						
	<b>10 A</b>	120 – 230 VAC (93 – 132 VAC/ 187 – 264 VAC)	24 VDC ±3%	10 A	140 x 270 x 126	<b>6EP13342CA00</b>	1.7
	Limitation of input current harmonics according to EN 61 000-3-2						
	<b>20 A</b>	120 – 230 VAC (90 – 132 VAC/ 187 – 264 VAC)	24 VDC ±3%	20 A	280 x 125 x 92	<b>6EP13362BA00</b>	2.0
<b>3 VDC to 52 VDC power supply</b>							
	Limitation of input current harmonics to according EN 61 000-3-2, adjustable output voltage 3 V–52 V, output max. 10 A or 120 W						
	<b>max. 10 A or 120 W</b>	120 – 230 VAC (85 – 132 VAC/ 170 – 264 VAC)	3 – 52 VDC ± 1%	10 A	75 x 125 x 125	<b>6EP13532BA00</b>	0.9

\* without adjustable output voltage.

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