

Simple selection guide for the right SITOP power supply



SIEMENS



TIA Selection
tool

Contact person

How to use

The selection guide supports you in search for a power supply our main product lines.

The help is for typical requirements to industrial DIN rail power supplies and does not take into account any specific conditions of use or certification.

It therefore does not contain all power supplies of our extensive portfolios and also no add-on or DC UPS modules.

For this purpose, the TIA-Selection tool (24 V view) or your contact person in your region is available for you.

Output voltage of power supply

12 V



Find device

A dark blue rounded rectangle containing the text '12 V' in white. Below the text is a light blue gauge icon with a needle pointing to the left. At the bottom is a red rounded button with the text 'Find device' in black.

24 V



Find device

A dark blue rounded rectangle containing the text '24 V' in white. Below the text is a teal gauge icon with a needle pointing to the left. At the bottom is a red rounded button with the text 'Find device' in black.


36 V



Find device

A dark blue rounded rectangle containing the text '36 V' in white. Below the text is a yellow gauge icon with a needle pointing to the left. At the bottom is a red rounded button with the text 'Find device' in black.

48 V



Find device

A dark blue rounded rectangle containing the text '48 V' in white. Below the text is an orange gauge icon with a needle pointing to the left. At the bottom is a red rounded button with the text 'Find device' in black.



Standard

1-phase, up to 12 A, 7 A and 12 A variants with signaling contact DC ok, 12 A variant also with diagnostics interface and 150 % Extra Power for 5 s.

Advanced

1- and 3-phase, up to 40 A, 150% Extra Power for 5 s, outputs monitored for overload, individually adjustable from 4 - 28 V, Industrial Ethernet/PROFINET interface.

SITOP PSU6200

Rated power up to appr.	144 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power (7A & 12 A)
Energy efficiency	+++
Integration with automatiion	DC o.k., diagnostics interface



The SITOP PSU6200 is the all-rounder among the standard power supplies: With robust input for AC and DC voltages, space-saving width, fast push-in connection technology and comprehensive diagnostics options (12 A device) supplies you reliably a wide variety of applications.

1AC

2 A

7 A

12 A



SITOP PSU8600

Rated power up to appr.	960 W
Ambient temperature range	–25...+60 °C
Overload behavior	Extra Power Power Boost (devices with 1 output: 20 A and 40 A)
Energy efficiency	+++ PROFIenergy
Integration with automatiion	Profinet and OPC UA or EtherNet/IP (4x10 A)



The SITOP PSU8600 power supply system offers full integration into automation systems via PROFINET in Totally Integrated Automation (TIA), EtherNet/IP or Industrial Ethernet with open communication in OPC UA.

Operating data is recorded and diagnostics and maintenance information provided. A basic unit PSU8600 included one or four outputs, each output is monitored for overload, the trip current and the voltage (4 – 28 V) are individually adjustable.

1AC

4 x 5 A

3AC

4x5 A

4x10 A

4x10 A
EtherNet/IP

20 A

40 A



Basic

1-and 3-phase, up to 20 A, use in industry.

Standard

1-phase, up to 20 A, 3-phase up to 40 A, 150 % Extra Power for 5 s, diagnostics interface, use in industry and residential areas.

Advanced

1-, 2- and 3-phase, up to 40 A, 150 % Extra Power for 5 s, 300 % Power Boost for 25 ms, variants with IO-Link and Industrial Ethernet/PROFINET interface incl. OPC UA. Use in industry and residential areas.



SITOP PSU4200

Rated power up to appr.	480 W
Ambient temperature range	–25...+70 °C
Overload behavior	-
Energy efficiency	++
Integration with automatiion	DC o.k.



Quickly assembled, easy to operate, capable, and reliable – the new generation of Basic power supplies provides for every basic need as cheap as well as reliable and efficient solution. Small installation dimensions and push-in clamps enable quick installation. In operation the efficiency of up to 93% ensures high efficiency and the yellow LED of the Power Monitor shows a load over 85%.

1AC

3 A

5 A

10 A

20 A

3AC

10 A

20 A



SITOP PSU6200

Rated power up to appr.	960 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power (from 5 A)
Energy efficiency	+++
Integration with automaition	DC o.k., diagnostics interface (from 10 A)



The SITOP PSU6200 is the all-rounder among the standard power supplies:
With robust input for AC and DC voltages, space-saving width, fast push-in connection technology and comprehensive diagnostics options supplies you reliably a wide variety of applications.

1AC

1.3 A	2.5 A	3.7 A
5 A	10 A	20 A

3AC

5 A	10 A
20 A	40 A



SITOP PSU8200

The technology power supply for demanding solutions: SITOP PSU8200 meets high requirements due to their overload capacity, efficiency and compactness.

24 V power supplies, 1AC: 5 A, 10 A, 20 A and 40 A;
3AC: 20 A and 40 A.

[Find device](#)

SITOP PSU8400

The power supply with IO-Link puts its values on display. SITOP PSU8400 convinces with very high efficiency and compactness with convenient parameterization and diagnostics.

24 V power supplies : 3AC 40 A

[Find device](#)

SITOP PSU8600

The power supply system for digitalization and Industry 4.0. SITOP PSU8600 with open communication offers unique functionality and diagnostics.

24 V power supplies, adjustable from 4 to 28 V: 1AC 20 A, 3AC 4x5 A, 4x10 A, 20 A, 40 A

[Find device](#)

SITOP PSU200M

The technology power supply for the worldwide use. SITOP PSU200M enables with the ultra-wide range input flexible use on 1-, 2- and 3-phase networks.

24 V power supplies, 1AC/2AC: 5 A, 10 A

[Find device](#)



SITOP PSU8200

Rated power up to appr.	960 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power, Power Boost
Energy efficiency	+ + +
Integration with automatiion	DC o.k. Remote on/off



The SITOP PSU8200 is perfect for complex plants and machines. The wide-range input allows the connection to any network and tolerates large voltage fluctuations.

Power Boost delivers up to 3 times the nominal current. In the event of an overload, you can choose between constant current with automatic restart and latching shutdown. And the high efficiency reduces energy consumption.

1AC

5 A

10 A

20 A

40 A

3AC

20 A

40 A



SITOP PSU8400

Rated power up to appr.	960 W
Ambient temperature range	–25...+70 °C
Overload behavior	Extra Power, Power Boost
Energy efficiency	+++
Integration with automation	DC o.k. IO Link



With SITOP PSU8400 you benefit from a highly reliable power supply with IO-Link, which puts its values on display - via display directly on the device and via IO-Link from afar. Whether more comfort with parameterization, monitoring and diagnostics, high power reserves, small footprint or a efficiency of up to 96%:
SITOP PSU8400 simply offers more than conventional power supplies.

3AC

40 A



SITOP PSU8600

Rated power up to appr.	960 W
Ambient temperature range	–25...+60 °C
Overload behavior	Extra Power Power Boost (devices with 1 output: 20 A and 40 A)
Energy efficiency	+++ PROFIenergy
Integration with automatiion	Profinet, OPC UA or EtherNet/IP (4x10 A)



The SITOP PSU8600 power supply system offers full integration into automation systems via PROFINET in Totally Integrated Automation (TIA), EtherNet/IP or Industrial Ethernet with open communication in OPC UA.

Operating data is recorded and diagnostics and maintenance information provided. A basic unit PSU8600 included one or four outputs, each output is monitored for overload, the trip current and the voltage (4 – 28 V) are individually adjustable.

1AC

4 x 5 A

3AC

4x5 A

4x10 A

4x10 A
EtherNet/IP

20 A

40 A



SITOP PSU200M

Rated power up to appr.	240 W
Ambient temperature range	−25...+70 °C
Overload behavior	Power Boost
Energy efficiency	++
Integration with automatiion	DC o.k.



The SITOP PSU200M is perfect for complex plants and machines for universal use worldwide. The ultra-wide-range input allows light for connection to 1-phase networks 120 - 230 V or at 2 phases of a 3-phase mains 230 - 500 V. The Power Boost delivers for a short time until to 3 times the nominal current. In the overload case, you can choose between constant current with automatic restart and latching shutdown.

1AC/2AC

5 A

10 A



SITOP PSU8200

Rated power up to appr.	468 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power, Power Boost
Energy efficiency	+++
Integration with automaition	DC o.k. Remote on/off



The SITOP PSU8200 is perfect for complex plants and machines. The wide-range input allows the connection to any network and tolerates large voltage fluctuations. Power Boost delivers up to to 3 times the nominal current. In the event of an overload, you can choose between constant current with automatic restart and latching shutdown. And the high efficiency reduces energy consumption.

3AC

13 A





Standard

1-phase up to 10 A, 3-phase up to 20 A,
diagnostics interface.

Advanced

3-phase up to 20 A, 300% Power Boost to trigger
circuit breakers.



SITOP PSU6200

Rated power up to appr.	960 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power
Energy efficiency	+++
Integration with automaition	DC o.k., diagnostics interface



The SITOP PSU6200 is the all-rounder among the standard power supplies:
With robust input for AC and DC voltages, space-saving width, fast push-in connection technology and comprehensive diagnostics options supplies you reliably a wide variety of applications.

1AC

5 A

10 A

3AC

5 A

10 A

20 A



SITOP PSU8200

Rated power up to appr.	960 W
Ambient temperature range	−25...+70 °C
Overload behavior	Extra Power, Power Boost
Energy efficiency	+++
Integration with automatiion	DC o.k. Remote on/off




The SITOP PSU8200 is perfect for complex plants and machines. The wide-range input allows the connection to any network and tolerates large voltage fluctuations. Power Boost delivers up to to 3 times the nominal current. In the event of an overload, you can choose between constant current with automatic restart and latching shutdown. And the high efficiency reduces energy consumption.

3AC

10 A

20 A





Brochure incl. data sheets
<https://sie.ag/datasheets>

Catalog KT10.1
<https://sie.ag/catalog>

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Published by
Siemens AG
Digital Industries
Process Automation
Östliche Rheinbrückenstr. 50
76187 Karlsruhe, Germany
Article no.: DIPA-B10072-05 ipdf
Dispo 26000
WS 0924
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