



| When failure is **not an option.**

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Digitalization is changing our world like never before.



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By 2025, global digital data volume will reach 163 zettabytes. For perspective, **one zettabyte is equal to one trillion gigabytes.**



Industrial devices are becoming more intelligent... needing more data.

They must be **linked** and communicate well together to **maximize industrial production efficiency**.

It takes a truly **reliable power infrastructure** to support global digitalization and industrial processes. Disruptions in power supply can lead to costly downtime and jeopardize worker safety.



**The key to securing
continuous industrial
operations is a reliable,
well monitored DC
power network.**



Industrial leaders worldwide rely on Siemens SITOP power products for world-class digitalization, automation and industrial control applications.

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SITOP power product solutions are purpose-built and customized for specific industrial applications based on factors such as:

- The environment
- Noise concerns
- Temperature issues
- Security requirements



The SITOP PSU6200 is a versatile, all-around power supply for a wide variety of industrial applications.



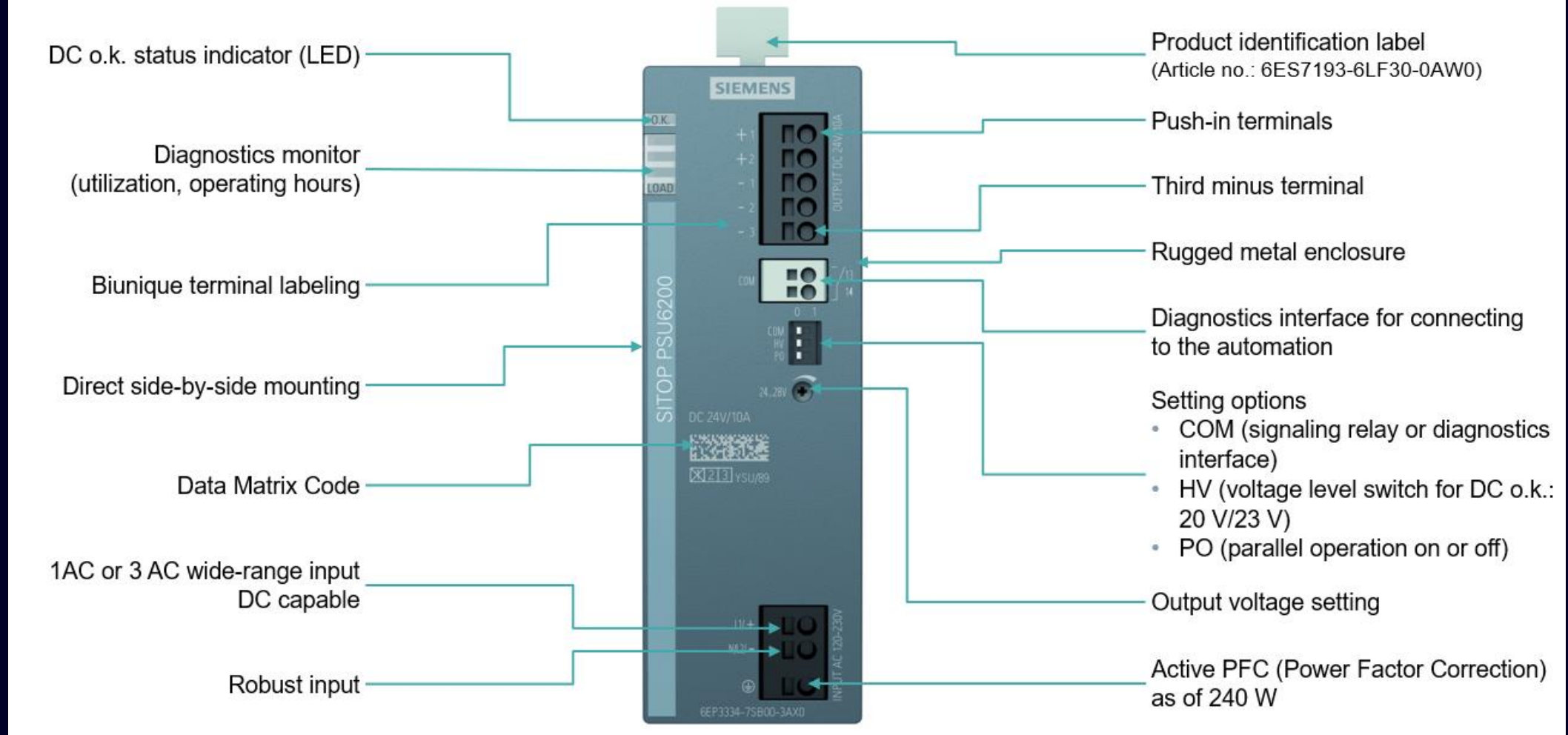
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Useful features of the SITOP PSU6200 include:

- Built-in diagnostics for 240W and higher
- Push-in terminals
- Slimline design for side-by-side mounting no lateral clearance required
- DC capability with wide range input
- Enhanced versatility and reliability
- Active Power Factor Correction for 240W and higher
- Complete single and 3-phase offering in most common output voltages

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The SITOP Selectivity modules SEL1200 and SEL1400 offer optimal and reliable protection for 24VDC loads.

The SEL1200 and SEL1400 are the ideal solution for high and highest operation protection.



SEL 1200

SEL1200 features switching electronic characteristics allowing higher brief overloads...the higher the current, the faster the output is shutdown



SEL 1400

SEL1400 features limiting electronic characteristics permitting brief overload in between 100 to 150% of the set tripping current for 5 secs

SITOP Selectivity modules offer increased availability of 24 VDC loads whether a dead short circuit or slight overload by:

- Instantly disconnecting overload circuits.
- Providing alarm and status indications locally and remotely.
- Reset functionality both locally and remotely .



SEL 1200



SEL 1400




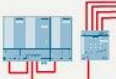
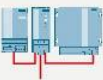


Power Reliability = Power Security.


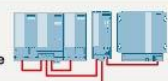
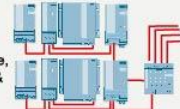
The specific installation location and application within an industrial plant determines the resulting level of power security.

SITOP power supply configurations are adaptable based on the level of power security required. This ranges from “standard” applications to protection against catastrophic power supply and utility AC power failures.

SITOP power supply 24 V supply concepts with scalable availability (2/3)

Level		Configuration	Communications to PLC/DCS	
0	Reliable power supply for "standard" applications	 24V Power Supply Unit (PSU)	Signaling 1. PSU : "24-V-ok" dry contact wired to DI	
1	Protection against failure of a power supply	 Redundant configuration of two PSU's with redundancy (decoupling) module	Signaling 1. Level 0 (2x PSU) 2. Red : "PSU1 or PSU2 fault" dry contact wired to DI	
2	Protection against failure of a power supply due to high overloads and short circuits via selective monitoring of 24 V feeders	 Redundant configuration of two PSU's with redundancy module and selectivity module	Signaling 1. Level 0 (2x PSU) 2. Level 1 3. Selectivity : Individual feeder status via PWM signal wired to DI	
3	Protection against power failure	 Power supply with DC UPS for protection against power failure (Back-up of seconds to hours)	Signaling 1. Level 0 2. DC UPS : operating state, back-up status, IPC shutdown via USB/ PROFINET / OPC UA	

SITOP power supply 24 V supply concepts with scalable availability (3/3)

Level		Configuration	Communications to PLC/DCS	
4	Protection against failure of a power supply and protection against AC power failure	 Redundant configuration of two PSU's with redundancy module. 24 V buffering with DC UPS for protection against power failure (Back-up of seconds to hours).	1. Level 1 2. Level 3	
5	Protection against failure of a power supply or DC UPS component, protection against AC power failure, and protection against overloads & short circuits	 Redundant configuration of two PSU's and two DC UPS with redundancy modules. Protection even in the event of failure of a DC UPS module. Protection against power failure (Back-up of seconds to hours). Selectivity module.	All possible	

Siemens is a global leader in industrial power supplies. Our solutions feature built-in diagnostics, easy integration, hassle-free installation, and dependable post-sale service/support.



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Siemens is a pioneering innovator when it comes to industrial power supply solutions. Our power solutions are born out our own in-house research and development and we've won numerous industry awards.



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**A smart investment in
Siemens SITOP power
supply solutions pays
dividends by boosting
ROI and lowering total
cost of ownership.**

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When plant failure is not an option... choose Siemens SITOP power supply solutions.



**To learn more visit
usa.siemens.com/sitop
or call Tomekia Walls at
(678) 477-2969**

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