

*Slim, compact and  
extremely reliable:  
SITOP smart*



*190 countries – one power supply:  
SITOP modular with ultra-wide input  
range of up to 550 V*



### All networks, all new markets – worldwide

requirements, for critical applications or unstable supply networks. Your system's performance remains stable, thanks to the capabilities of the unique SITOP modular architecture. Every single add-on module is fully system-compatible and allows a trouble-free configuration ensuring smooth production processes. Particularly small applications can be realized by means of our LOGO!Power mini power packs, whereas the SITOP facets represent ideal solutions for specific custom applications.



Thanks to its outstanding reliability, SITOP has long since established itself around the globe. Even critical network conditions in extreme climates will no longer expose your system to any risk. Due to their wide input range, the power packs can be connected to almost any network worldwide. Certifications in accordance with CE and UL/cUL are standard SITOP features and additionally facilitate exports to other countries. For special applications, e.g. in the field of ship building (GL) or in hazardous areas (ATEX), SITOP offers the universal solution. All of the SITOP advanced features combined create new potential for your global business.

## modular

### The answer to all challenges: SITOP modular ...

... no matter where and under which conditions: SITOP modular can be adjusted to power any network in the world. A high degree of safety is provided by the wide input range, compensating for extreme voltage fluctuations and even bridging short network interruptions. The integrated Power Boost feature temporarily supplies up to three times the nominal current. In overload situations, you may choose between constant current with automatic restart of the output voltage or switch-off with storage. Increased current demands? By connecting several SITOP devices in parallel, the output current is added or a redundant power supply is established.

#### Further product features

- Compact design in rugged metal housing
- For demanding applications from 5 to 40 A
- 3 LED displays facilitate operation and control
- Evaluation of the operating states via a signaling module
- Functionally expandable with all SITOP add-ons

## smart

### Slim-line universal power supplies: SITOP smart

High performance comes in a small package. Compared to the previous model, the SITOP smart power supply series is one third smaller in width and thus requires less space on the DIN rail. Despite its small dimensions it still delivers excellent overload behavior. Even high loads can be easily switched on. As a result of the permanent nominal outputs of 120 percent, these new power packs cannot be topped in terms of reliability. To bridge voltage drops on the line, the output voltage can be increased to up to 28 V. Numerous certifications facilitate universal and worldwide applications.

#### Further product features

- Narrow design with 32.5, 50 and 70 mm
- For standard applications with 2.5, 5 and 10 A
- GL certification and compliance with ATEX guidelines
- Expandable with DC-UPS, redundancy and the SITOP select diagnosis module

## Add-ons

### Specialists for mission-critical applications: SITOP add-ons

Network irregularities in the millisecond range are competently compensated for all our power packs. Larger fluctuations or even complete power failures, however, require special measures: The SITOP buffer module offers optimum protection for temporary failures, whereas the compact SITOP DC UPS modules maintain operation in case of prolonged power failures – up to several hours! To completely avoid the impact of power failures, applications should be equipped with the redundancy module. The diagnosis module facilitates fast and preventive fault analysis.

#### Add-ons at a glance

- Signaling module
- Redundancy module
- Buffer module
- DC UPS and battery pack module
- SITOP select diagnosis module

## Facets

### Taking care of special applications: The SITOP facets

SITOP facets assume special supply tasks. Under harsh environmental conditions, for special designs or unconventional output voltages: The many talents of this series support your need to solving specific tasks.

#### A selection of facets

- SITOP power 0.5
- Flat designs
- Outdoor variants in SIMATIC design
- SITOP flexi

... further variants? Simply click  
[www.siemens.com/sitop](http://www.siemens.com/sitop)