

# Overview

## Description



Figure 1 View of unit

SITOP PSU400M is a power supply for DC link voltages of drive systems. If the power fails, the energy of the flywheel mass and in the DC link capacitors is used to maintain the 24 V supply for the electronics. As a consequence, axes can be stopped or retracted in a controlled fashion. This can prevent expensive workpieces from being destroyed.

The key benefits of the product include:

- 600 VDC rated input voltage
- Operating voltage range 200 (300) ... 900 V DC
- High degree of efficiency up to 95 %
- Output voltage can be adjusted in the range 24...28.8 V
- Ambient temperature -25 ...+70° C (derating from 60° C)
- Brief overload capability of 150% for 5 s/min (extra power)
- No lateral mounting clearances are required
- Selectable short-circuit behavior
- Soft characteristic for parallel switching can be selected
- integrated signaling contact for "24 V O.K."

- Display of the operating state using 3 LEDs
- Adjustable starting delay for operation on the DC link of SINAMICS converters

## Ordering data

The following device versions are available:

Regulated SITOP PSU400M power supply	
Type	Order number
DC voltage input Output 24 V DC / 20 A	6EP1536-3AA00

Accessories	
Type	Order number
Device identification labels 20 mm × 7 mm, pastel turquoise	3RT1900-1SB20