SITOP POWER 20

# Product Data Sheet

## 6EP1336-2BA00

SITOP Power 20 Regulated Supply

| RATED OUTPUT VOLTAGE | RATED OUTPUT CURRENT | RATED OUTPUT POWER | SELECTABLE AC INPUT |
|---|---|---|---|
| **24 V DC** | **20 A** | **480 W** | **120 / 230 V; wire-jumper selection** |

Siemens 6EP1336-2BA00 is a SITOP Power 20 stabilized supply rated 24 V DC, 20 A and 480 W. The single-phase input is selected for 120 or 230 V by a wire jumper; it is not an automatic range-selection function. The corresponding permitted ranges are 93 to 132 V AC and 187 to 264 V AC at 47 to 63 Hz.

## 01 TECHNICAL DATA

| | |
|---|---|
| Rated output voltage | 24 V DC |
| Rated output current | 20 A |
| Rated output power | 480 W |
| Selectable AC input | 120 / 230 V; wire-jumper selection |
| Permissible input ranges | 93 to 132 V AC / 187 to 264 V AC |
| Line frequency | 47 to 63 Hz |
| Input current at 120 V | 8 A |
| Input current at 230 V | 3.3 A |
| Maximum inrush current | 81 A |
| Typical current limit | 22 A |

Siemens 6EP1336-2BA00 manufacturer technical data; applicable specification pages.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Maximum residual ripple | 150 mV peak-to-peak |
| Maximum switching spikes | 240 mV peak-to-peak |
| Typical efficiency | 87% |
| Typical power loss | 72 W |
| Operating ambient | 0 to 55 degrees C |

## 03 PRODUCT FUNCTION

The output provides constant-current behavior during overload, with a typical current limit of 22 A. Siemens specifies 87% typical efficiency, 72 W typical power loss and a maximum residual ripple of 150 mV peak-to-peak. The adjustable output range of 22.8 to 26.4 V applies under the stated 0 to 45 degrees C condition. Natural-convection cooling and the installation clearances support operation within the published ambient limits.

## 04 SYSTEM COMPATIBILITY

Connect the 24 V output with the specified polarity and conductor arrangement, allowing for the nominal 20 A load and voltage drop to the receiving circuits. If output adjustment is required, observe the 22.8 to 26.4 V adjustment range and its stated temperature condition rather than assuming it applies across every ambient.

## 05 REFERENCE

Siemens 6EP1336-2BA00 manufacturer technical data; applicable specification pages.

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