SITOP PSU6200

Product Data Sheet

6EP3336-7SB00-3AX0

PSU6200 24 V 20 A Power Supply

RATED OUTPUT	OUTPUT ADJUSTMENT	AC INPUT RANGE	DC INPUT RANGE
24 V DC; 20 A; 480 W	**24 to 28 V; power limited**	**85 to 264 V AC**	**85 to 275 V DC**

Siemens 6EP3336-7SB00-3AX0 is a SITOP PSU6200 stabilized power supply with a nominal 24 V DC, 20 A output. The rated output power is 480 W, and the output can be adjusted between 24 and 28 V within the applicable power limit. Its wide-range input accepts single-phase 85 to 264 V AC or 85 to 275 V DC, allowing the same supply design to serve the specified AC or DC feeder arrangements.

01 TECHNICAL DATA

Rated output	24 V DC; 20 A; 480 W
Output adjustment	24 to 28 V; power limited
AC input range	85 to 264 V AC
DC input range	85 to 275 V DC
Line frequency	47 to 63 Hz
Input current at 120 V	4.3 A
Input current at 240 V	2.3 A
Maximum inrush current	12 A
Integrated fuse	10 A
Mains buffering at 240 V	25 ms

02 ADDITIONAL PRODUCT DATA

Maximum residual ripple	80 mV peak-to-peak
Typical efficiency	95.5%
Typical power loss	25 W
DC OK contact rating	30 V; 0.1 A
Protection degree	IP20

03 PRODUCT FUNCTION

The unit provides a DC OK signal, electronic status functions and configurable parallel operation. Siemens lists 95.5% typical efficiency, 25 W typical power loss and up to 80 mV peak-to-peak residual ripple. At 240 V input, the stated mains-buffering time is 25 ms. Overload and ambient-temperature allowances are conditional; continuous output and temporary current reserves must be selected using the corresponding PSU6200 operating curves.

04 SYSTEM COMPATIBILITY

Set the output voltage for the receiving 24 V loads while observing the 480 W nominal power limit. At a raised output voltage, the available continuous current is constrained by that power rating. Connect the DC OK signaling circuit within its 30 V, 0.1 A contact rating.

05 REFERENCE

Siemens 6EP3336-7SB00-3AX0 manufacturer technical data; applicable specification pages.

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