LOGO!POWER

Product Data Sheet

6EP1332-1SH42

LOGO!Power 24 V 2.5 A Power Supply

NOMINAL AC INPUT	OPERATING AC INPUT	INPUT FREQUENCY	INPUT CURRENT AT 120 V
100 to 240 V	**85 to 264 V**	**47 to 63 Hz**	**1.22 A**

Siemens 6EP1332-1SH42 is a LOGO!Power regulated power supply delivering 24 V DC at 2.5 A. Its nominal single-phase input range is 100 to 240 V AC, with an 85 to 264 V operating range. The rated output power is 60 W.

01 TECHNICAL DATA

Nominal AC input	100 to 240 V
Operating AC input	85 to 264 V
Input frequency	47 to 63 Hz
Input current at 120 V	1.22 A
Input current at 230 V	0.66 A
Inrush current	30 A
Rated DC output	24 V
Rated output current	2.5 A
Rated output power	60 W
Voltage adjustment	22.2 to 26.4 V

02 ADDITIONAL PRODUCT DATA

Maximum ripple	200 mV
Maximum output spikes	300 mV
Typical efficiency	87%
Typical power loss	9 W
Mains buffering at 187 V	40 ms

03 PRODUCT FUNCTION

The output voltage is adjustable from 22.2 to 26.4 V. Typical efficiency is 87%, and the supply has a typical current limit of 3.4 A. The data sheet specifies 40 ms mains buffering at 187 V, maximum ripple of 200 mV and maximum output spikes of 300 mV.

04 SYSTEM COMPATIBILITY

Set the voltage between 22.2 and 26.4 V as required by the loads and distribution losses. Keep the continuous demand within the 2.5 A rating; the typical 3.4 A current limit is not an additional continuous output rating.

05 REFERENCE

Siemens 6EP1332-1SH42 official product data; applicable specification pages.

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