SITOP POWER 10 SPECIAL LINE

Product Data Sheet

6EP1334-1AL12

24 V 10 A Regulated Power Supply

INPUT PHASES	NOMINAL AC INPUT	AC INPUT RANGES	INPUT FREQUENCY
1	**120/230 V AC; manual selection**	**85 to 132 V; 170 to 264 V**	**47 to 63 Hz**

Siemens 6EP1334-1AL12 is a SITOP POWER 10 Special Line regulated DC supply rated 24 V, 10 A and 240 W. It accepts single-phase 120 or 230 V AC through a manually selected input range. The specified ranges are 85 to 132 V and 170 to 264 V at 47 to 63 Hz. Its output can be adjusted from 22 to 29 V to suit the documented load arrangement.

01 TECHNICAL DATA

Input phases	1
Nominal AC input	120/230 V AC; manual selection
AC input ranges	85 to 132 V; 170 to 264 V
Input frequency	47 to 63 Hz
Rated input current	4 A at 120 V; 2.5 A at 230 V
Maximum inrush	65 A for 3 ms
Nominal output	24 V DC
Rated output current	10 A
Rated output power	240 W
Output adjustment	22 to 29 V

Siemens 6EP1334-1AL12 official technical data; applicable specification pages.

02 ADDITIONAL PRODUCT DATA

Maximum output ripple	150 mV peak-to-peak
Short-time output boost	35 A for 700 ms
Parallel connection	2 units maximum
Typical efficiency	89%
Operating temperature	0 to 60 C

03 PRODUCT FUNCTION

The power supply offers a short-time output boost of 35 A for 700 ms and permits parallel connection of two units. Typical efficiency is 89 percent, and the published current-limiting band is 11 to 13 A. Electronic overload protection includes automatic restart, while an output overvoltage limit of approximately 33 V provides a separate protective function. The IP20, class I construction is intended for suitable installation conditions within a 0 to 60 C operating range.

04 SYSTEM COMPATIBILITY

Set the output potentiometer within 22 to 29 V and confirm that every connected load permits the chosen value. Budget the continuous demand against 10 A and 240 W rather than treating the 35 A, 700 ms boost as a continuous rating. If two units are paralleled, follow the Siemens connection and adjustment instructions.

05 REFERENCE

Siemens 6EP1334-1AL12 official technical data; applicable specification pages.

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