

Single-phase: output current 10 A

Standard type

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



SITOP power standard 24 V/10 A

SIEMENS

Standard type

Technical specifications	
Power supply, type	10 A
Order number	6EP1 334-2BA00
Input	Single-phase AC
Rated voltage $V_{in \text{ rated}}$	120/230 V AC selected by wire jumper
Voltage range	85 to 132 V/187 to 264 V AC
Surge strength	2.3 x $V_{in \text{ rated}}$, 1.3 ms (EN 61 000-4-1)
Mains buffering at $I_{out \text{ rated}}$	> 10 ms at $V_{out} = 93/187 \text{ V}$
Rated line frequency, range	50/60 Hz, 47 to 63 Hz
Rated current $I_{in \text{ rated}}$	5.5/2.1 A
Inrush current limiting (+25 °C)	< 65 A, typ. 3 ms
I^2t	< 3.3 A ² s
Integral input fuse	T 6.3 A/250 V (not accessible)
Recommended circuit-breaker (IEC 898) in the supply cable	From 16 A, Characteristic C
Output	Regulated, floating direct voltage
Rated voltage $V_{out \text{ rated}}$	24 V DC
Total tolerance	± 3 %
<ul style="list-style-type: none"> Steady-state line compensation 	Approx. 0.2 %
<ul style="list-style-type: none"> Steady-state load compensation 	Approx. 1 %
Residual ripple (switching frequency: approx. 50 kHz)	< 150 mV _{pp}
Spikes (bandwidth: 20 MHz)	< 240 mV _{pp}
Setting range	22.8 to 28.8 V
Status indicator	Green LED for 24 V O.K.
Turn-on/off response	No overshoot of V_{out} (soft starting)
Starting delay/voltage rise	< 3 s/typ.80 ms
Rated current $I_{out \text{ rated}}$	10 A
Current range	
<ul style="list-style-type: none"> Up to +45 °C 	0 to 12 A
<ul style="list-style-type: none"> Up to +60 °C 	0 to 10 A
Dynamic V/I for	
<ul style="list-style-type: none"> Starting into short-circuit 	-
<ul style="list-style-type: none"> Short-circuit in operation 	Typ. 38 A for 200 ms
Parallel connection to increase power	Yes, 2 units

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Efficiency	
Efficiency at $V_{out\ rated}$, $I_{out\ rated}$	Approx. 89 %
Power loss at $V_{out\ rated}$, $I_{out\ rated}$	Approx. 30 W
Regulation	
Dynamic line compensation ($V_{in\ rated} \pm 15\%$)	Approx. $\pm 0.3\%$ V_{out}
Dynamic load compensation ($I_{out}: 50/100/50\%$)	$\pm 5\%$ V_{out}
Correction time	
<ul style="list-style-type: none"> Load step 50 to 100 % 	Typ. 0.2 ms
<ul style="list-style-type: none"> Load step 100 to 50 % 	Typ. 0.2 ms
Protection and monitoring	
Output overvoltage protection	Yes, to EN 60 950
Current limiting	Typ. 13 to 15 A
Short-circuit protection	Electronic shutdown, auto. restart
Continuous short-circuit RMS current	< 21 A
Overload/short-circuit indicator	-
Safety	
Isolation primary/secondary	Yes, SELV output voltage V_{out} to EN 60 950
Protection class (IEC 536; VDE 0106 T1)	Class I
Discharge current	< 3.5 mA (typ. 0.4 mA)
Technical Inspectorate type testing	Yes
CE marking	Yes
UL/cUL (CSA) approval	Yes, UL/cUL-listed (UL 508, CSA 22.2), File E143289
FM approval	-
Shipbuilding approval	-
Degree of protection (EN 60 529; VDE 0470 T1)	IP 20
EMC	
Emitted interference	EN 50 081-1, EN 55 022 Class B
Line harmonic limiting	EN 61 000-3-2
Interference immunity	EN 50 082-2, IEC 801-2, -3, -4, -5
Operating specifications	
Ambient temperature range	0 to +60 °C with natural convection
Non-operating temperature range	-25 to +85 °C
Humidity class	Climate class 3K3 to EN 60 721
Mechanical specifications	
Terminals	
<ul style="list-style-type: none"> Supply input L, N, PE 	One screw terminal each for 0.5 to 2.5 mm ² solid / stranded
<ul style="list-style-type: none"> Output L+ 	1 screw terminal for 0.5 to 2.5 mm ²
<ul style="list-style-type: none"> Output M 	2 screw terminals for 0.5 to 2.5 mm ²
Dimensions (W x H x D) in mm	100 x 125 x 135
Weight, approx.	1.08 kg
Installation	Snap-mounting on standard rail to DIN EN 50 022-35x15/7.5
Accessories	-