

6.2 Output

	6EP1333-3BA00 (24 V / 5 A)	6EP1334-3BA00 (24 V / 10 A)	6EP1336-3BA00 (24 V / 20 A)	6EP1337-3BA00 (24 V / 40 A)
Output	Regulated, isolated DC voltage			
Rated voltage value U_a rated DC	24 V			
Total tolerance, static \pm	3%	3%	3%	3%
Static line regulation, approx.	0.1%	0.1%	0.1%	0.1%
Static load regulation, approx.	0.1%	0.1%	0.1%	0.1%
Residual ripple in the load range	50 mV	50 mV	100 mV	100 mV
Peak-peak, max.				
Spikes peak-peak, max. (bandwidth, approx. 20 MHz)	200 mV	200 mV	200 mV	200 mV
Adjustment range	24...28.8 V			
Product function / output voltage can be adjusted	Yes			
Output voltage setting	Via potentiometer			
• Remark				
	Max. 120 W	Max. 240 W	Max. 480 W	Max. 960 W
Status indicator	LED green for 24 V O.K.			
Signaling	Via signaling module (6EP1961-3BA10) possible			
Response when switching on/off	Overshoot of U_a approx. 3%			
Starting delay, max.	1 s	1 s	0.1 s	0.1 s
Voltage rise, typ.	50 ms	50 ms	50 ms	50 ms
Voltage rise time of the output voltage, maximum	500 ms	500 ms	500 ms	500 ms
Rated current value I_a rated	5 A	10 A	20 A	40 A
Current range	0...5 A	0...10 A	0...20 A	0...40 A
• Remark		+60°...+70° C derating: Approx. 2% I_a rated/K	+60°...+70° C derating: Approx. 2% I_a rated/K	+60°...+70° C derating: Approx. 2% I_a rated/K
Output active power / typical	120 W	240 W	480 W	960 W
Constant overload current for a short circuit when powering up, typical	5.5 A	12 A	23 A	46 A
Short-time overload current for a short circuit during operation, typical	15 A	30 A	60 A	120 A