

SITOP POWER SUPPLY

SITOP – the right power supply for every application

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			Advanced power supplies	Standard power supplies	Basic power supplies	SIMATIC design	DC/DC converter	Special designs			
Selection matrix SITOP according to performance data and range of functions			SITOP PSU8600 – power supply system with PROFINET and OPC UA	SITOP PSU8200 – the technology power supply for demanding solutions	SITOP PSU6200 – the all-around power supply for a wide range of applications	SITOP smart – the powerful standard power supply	SITOP lite – the costeffective basic power supply	LOGO!Power – the flat power supply for distribution boards	SITOP in SIMATIC design the optimal supply for SIMATIC S7 and more	Stabile supply despite fluctuating DC voltage	Equipped for specific tasks and conditions
Input/output 	Input	AC/DC	1,3 ~	1,2,3 ~ =	1,3 ~ =	1,3 ~	1 ~	1 ~ =	1,3 ~ =	=	1,3 ~ =
	Rated power up to approx.	P	960 W	960 W	480 W	960 W	480 W	100 W	240 W	480 W	960 W
	Rated output voltages	U	5 – 24 V DC	24/36/48 V DC	12/24/48 V DC	12/24 V DC	24 V DC	5/12/15/24 V DC	24 V DC	12/24 V DC	12/24/48/3 ... 52 V DC
	Rated output currents (24 V)	I	20 – 40 A	5 – 40 A	1.3 – 20 A	2.5 – 40 A	2.5 – 20 A	0.6 – 4.0 A	2 – 10 A	3.5 – 20 A	2.1 – 40 A
Properties 	Overload behavior	P _{max}	Extra Power	Extra Power Power Boost	Extra Power Permanent Overload < +45 °C	Extra Power Permanent Overload < +45 °C		Extra Power beim Einschalten	S7-1500/ET 200SP: Extra Power	PSU400M: Extra Power	
	Energy efficiency		+++	+++	+++	++	+	++	+	+++	++
	Automation integration			DC o.k. Remote on/off	DC o.k. Diagnostics interface	DC o.k.			ET 200SP/PRO: DC o.k.	> 240 W: DC o.k.	partially DC o.k.
Safety, environment 	Marine approval: DNV GL or ABS		•	•	in preparation	•	•	•	•	•	•
	Ambient temperature range		-25 ... +60 °C	-25 ... +70 °C	-25 ... +70 °C from 24 V/3.7 A: -30 ... +70 °C	-25 ... +70 °C	0 ... +60 °C	-25 ... +70 °C	0 ... +60 °C ET 200SP: -30 ... +70 °C	-25 ... +70 °C	-25 ... +70 °C
24-V power supply units expandable with ... 	Redundancy module		•	•	•	•	•	•	•	•	•
	Selectivity module		integrated	•	•	•	•	•	•	•	•
	Buffer module		integrated	•	•	•	BUF1200	BUF1200	BUF1200	BUF1200	BUF1200
	DC UPS with ultracaps		integrated	•	•	•	•	•	•	•	•
	DC UPS with batteries		integrated	•	•	•	•	•	•	•	•

