


# Uninterruptible power supplies – SITOP UPS500 maintenance-free DC UPS with capacitor technology

					
Technical data	Maintenance-free DC UPS				
SITOP	UPS500S – Basic unit 15 A		UPS501 – Expansion module	UPS500P – Basic unit 7 A, degree of protection IP65	
Energy	2.5 kW	5 kW	5 kW	5 kW	10 kW
Order no.	6EP1 933-2EC41	6EP1 933-2EC51	6EP1935-5PG01	6EP1933-2NC01 <sup>1)</sup>	6EP1933-2NC11 <sup>1)</sup>
Input voltage	24 V DC, 22...29 V, Infeed from SITOP 24 V		Infeed from basic unit	24 V DC, 22.5...29 V, Infeed from SITOP 24 V	
Rated input current	15.2 A + approx. 2.3 A in charging mode		Description: expansion module for extending the buffering time, up to 3 units can be switched in parallel with one UPS500S basic unit	7 A + approx. 2 A in charging mode	
Rated output voltage	In buffer mode and normal mode 24 V DC +/-3 %			In buffer mode and normal mode 24 V DC +/-3 %	
Rated output current	15 A, charging current 1 A (factory setting) or 2 A selectable			7 A, charging current 2 A	
Efficiency at rated values, approx.	97.50 %			96.90 %	
Overload and short-circuit protection	Electronic, automatic restart			Electronic, automatic restart	
Switching in parallel	No		Yes, up to 3 units	No	No
Radio interference suppression (EN 55022)	Class B	Class B	Class B	Class B	Class B
Degree of protection (EN 60529)	IP20	IP20	IP20	IP65	IP65
Ambient temperature	0...+60 °C	0...+60 °C	0...+60 °C	0...+55 °C	0...+60 °C
Installation	DIN rail	DIN rail	DIN rail	Screw mounting in all mounting positions	
Dimensions (W x H x D) in mm	120 x 125 x 125	120 x 125 x 125	70 x 125 x 125	400 (without connector) x 80 x 80	470 (without connector) x 80 x 80
Weight approx.	1.0 kg	1.2 kg	0.7 kg	1.9 kg	2.2 kg
Certification	CE, UL 508/CSA C22.2, File E197259			CE	

<sup>1)</sup> Connector set with input and output connector as well as prepared USB cable in 2 m length: Order no. 6EP1975-2ES00  
Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)