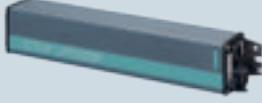


# Uninterruptible power supplies – SITOP UPS500 maintenance-free DC UPS with capacitor technology

|                                           |                                                                                   |                 |                                                                                                                                       |                                                                                     |                                                                                     |
|-------------------------------------------|-----------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                           |  |                 |                                                    |  |  |
| 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)