Technical Data

| Power supply | 230 V / +10 % / -15 % |
| --- | --- |
| Mains frequency | 50 Hz |
| Power consumption of BTL Powersingle 16 A | 450 W max. |
| Power consumption of BTL Powersingle 25 A | 700 W max. |
| Rated output voltage for  charging and trickle charging the Powersingle 16 A | 30 V / 16 A max. |
| Rated output voltage for  charging and trickle charging the Powersingle 25 A | 30 V / 25 A max. |
| Mains fuse | 2.5 A slow-blow |
| Minimum battery capacity | 32 Ah |
| Ambient temperature | -20 °C / +50 °C |
| Dimensions (W × H × D) | 270 × 100 × 130 mm |
| Weight | 2.5 kg approx. |
| Length of charging cables for Powersingle 16 A | 4 × 2.5 mm² (50 m max.) |
| Length of charging cables for Powersingle 25 A | 2 × 6 mm² (4 m max.) |
| Protection class of Powersingle 16 A | Protection class I (according to DIN EN 61558) |
| Protection class of Powersingle 25 A | Protection class II |
| Degree of protection | IP 32 |
| Potential-free alarm output | 10 A / 230 V max. |
| Item number of Powersingle 16 A | 30600 |
| Item number of Powersingle 25 A | 30599 |
| Item number of Powersingle 16 A  with temperature monitoring system | 30860 |
| Item number of Powersingle 25 A  with temperature monitoring system | 30861 |

This technical data sheet has been compiled to the best of our knowledge and belief. Duplication of these instructions or parts thereof by any reproduction method whatsoever is prohibited without the prior permission of Industrieelektronik Pölz GmbH. This technical data sheet does not constitute a document with contractual character. We reserve the right to make changes errors and omissions excepted. © Copyright 2017 Industrieelektronik Pölz GmbH