



TECHNICAL DATA

PYLONTECH

| DC Input Data | |
|---|---|
| Type | ZCS – Pylontech US2000B PLUS |
| Technology | Lithium-Iron-Phosphate |
| Dimensions (H*L*P) | 440mm*410mm*89mm (only one battery); 530mm*280mm*677mm (storage box with 2 batteries); 530mm*495mm*677mm (storage box with 4 batteries) |
| Weight | 24Kg |
| Protection rating | IP20 |
| Assembly | On ground or on wall in storage box |
| Operating temperature when charging | 0°C - +50°C |
| Operating temperature when discharging | -10°C - +50°C |
| Permissible relative humidity range | 0...95% without condensation |
| Maximum operating altitude | 2000m |
| Operating cycles under standard conditions | >6000 |
| Estimated useful life under standard conditions * | 10 years |
| Maximum no. of batteries that can be installed in parallel on inverters | 12 |
| Certifications | TUV, CEI-021, CE, UN 38.3 |
| Warranty | 10 years |
| Communication | RS232, RS485, CAN bus |
| Cell rebalancing | Automatic (with SOC above 95%) |
| Capacity Data | |
| Nominal capacity | 2.2kWh / 50Ah |
| Maximum capacity | 2.4kWh |
| Depth of Discharge (DoD) | 80% |

*Standard operating conditions for batteries: 25°C, 40% humidity, Depth of Discharge (DoD) 80%



AS4777 G83/2 G59/3

CE, CEI 0-21, CQC, IEC, VDE-AR-N4105/VDE-0126, EMC, C10/11, EN50438, RD1669