



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