



TECHNICAL DATA

ZCS-WECO

| DC Input Data | |
|---|--|
| Type | ZCS-Weco HeSu4k4 |
| Technology | Lithium-Iron-Phosphate |
| Dimensions (H*L*P) | 480mm*165mm*560mm (+20mm for feet) |
| Weight | 53Kg |
| Protection rating | IP20 |
| Assembly | On ground or wall |
| Operating temperature when charging | -20°C - +45°C |
| Operating temperature when discharging | -20°C - +60°C |
| Permissible relative humidity range | 0...95% without condensation |
| Maximum operating altitude | 2000m |
| Operating cycles under standard conditions | 7000 |
| Estimated useful life under standard conditions * | 10 years |
| Maximum no. of batteries that can be installed in parallel on inverters | 5 |
| Certifications | IEC 61600-6-3: 2017, 61600-3-2:2014, 610003-3:2013,61600-6-2007, CE, UN 38.3 |
| Warranty | 10 years |
| Communication | RS232, RS485, CAN bus |
| Cell rebalancing | Automatic, real time |
| Capacity Data | |
| Nominal capacity | 4.45kWh / 86Ah |
| Maximum capacity | 4.95kWh |
| Depth of Discharge (DoD) | Up to 100% of nominal capacity |

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



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