

**ZCS WECO HeSu 5k3**

| General data   |  |
|--|--|
| Type   | ZCS - Weco HeSu5k3   |
| Technology   | Lithium Iron Phosphate   |
| Dimensions (H*L*W)   | 580mm*463mm*156mm  |
| Weight   | 53Kg   |
| Protection Class   | IP20   |
| Mounting   | On ground or wall  |
| Operating temperature while charging                                       | -10°C - +55°C  |
| Operating temperature while discharging                                    | -25°C - +65°C  |
| Allowable relative humidity range  | 0...95% non-condensing   |
| Maximum operative altitude   | 2000m  |
| Operating cycles under standard conditions *                               | 7000   |
| Maximum number of batteries that can be installed in parallel on inverters | 5  |
| Certifications   | IEC 61600-6-3: 2017, 61600-3-2:2014, 61000-3-3:2013, 61600-6-2007, CEI 0-21, CE, UN 38.3 |
| Warranty   | 10 years   |
| Communication  | RS232, RS485, CAN bus  |
| Capacity data  |  |
| Nominal capacity of single module  | 5.8 kWh  |
| Useful capacity of single module (Depth of Discharge 90%)                  | 5,22 kWh / 100 Ah  |
| Nominal voltage  | 52 V   |
| Maximum charge current**   | 100A   |
| Maximum discharge current**  | 200A   |
| Maximum Depth of Discharge (DoD)   | 90%  |

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

\*\* The actual charging and discharging currents of the system may be limited by the inverters to which the batteries are connected, please refer to the inverter datasheets for the actual charging and discharging current

