



DATASHEET: ZCS HIGH VOLTAGE BATTERIES

ZCS WECO HV BOX XP

Technical data

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| Model | ZCS – Weco HV BOX XP |
| Code | ZZT-HV-BOX-XP |
| Technology | HV Battery management system |
| Dimensions (H*W*D) | 580mm*463mm*160mm |
| Weight | 19 Kg |
| Protection Class | IP20 |
| Mounting | Stackable on Weco batteries |
| Cable kit for connection | Included |
| Operating temperature while charging | -7°C - +55°C |
| Operating temperature while discharging | -20°C - +55°C |
| Allowable relative humidity range | 0....95% non condensing |
| Maximum operative altitude | 2000m |
| Operating cycles under standard conditions * | 7000 |
| Maximum number of input channel | 2 channels |
| Certifications | IEC 61600-6-3: 2017, IEC 61600-3-2:2014, IEC 61600-6-2007, IEC61000-3-3:2013, CE, UN38.3 (updated list on www.zcsazzurro.com) |
| Warranty | 10 years |
| Communication | RS232, RS485, CAN bus, Wifi & Bluetooth |

Operating data

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| Allowable operating voltage | 150-1000 V |
| Maximum current for each input channel | 50 A |
| Total maximum charging/discharging current | 100 A |
| Protection systems | Automatic contactor 200A; Fusibile 200A, 1000Vdc; manual breaker 125A, 1000Vdc |
| Manageable batteries by a single unit | From 4 to 11 batteries in series |

* Standard operative conditions for the device: environment temperature 25°C , humidity 40%, depth of discharge 80%

