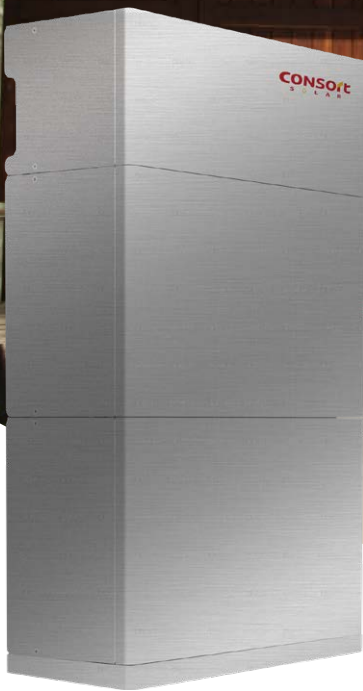


Battery



FEATURES



Modular & 'Plug & Play' design



IP65 outdoor design



Safety upgrade with world class LiFePO₄ battery technology



Support up to 5 battery sets parallel connection

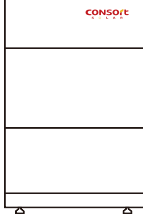


Remote firmware upgrade and online diagnosis



EU standard certified by TÜV Rheinland

Battery

Model	CSTBH1-7.48
Electrical Parameters	
System Demo	
Number of Modules	2
Nominal Energy ^[1] [kWh]	7.48
Usable Energy (90% DOD) [kWh]	6.73
Nominal Voltage [V]	192
Voltage Range [V]	162 ~ 216
Maximum Charge / Discharge Current ^[2] [A]	30 / 30
Depth of Discharge	90%
Cooling	Natural
General	
Battery Technology	LiFePO ₄
Size (Width * Height * Depth) [mm]	902 * 561 * 217
Weight [kg]	86.8
Number of Battery Units	2
Enclosure	IP65 (Indoor or Outdoor)
Installation Type	Floor Stand
Operating Temperature Range ^[3] (°C)	-10 ~ +50
Communication	CAN, RS485
Cycle Life	6000 @ 80% DOD / 25%/0.2C/60%EOL
Warranty[years]	10
Operating Altitude [m]	≤2000
Certification	
UN 38.3, EN / IEC 62619, IEC 62040, EN 62477-1, IEC 62040-1, EN 61000-6-1 / -3	

[1] Nominal Energy:100% DOD,0.2C charge & discharge at +25 °C (test conditions).

[2] The recommended charging and discharging current is 25 / 30A.

[3] Ambient temperature charging(0~+40 °C),discharging (-10~+50 °C).