

Solar Bank

Standing out with CW Enerji's elegant and innovative design, the Solar Bank adds a touch of natural sophistication to any environment with its aesthetically crafted wooden architecture, built to withstand outdoor conditions. Equipped with a high-efficiency TOPCon solar panel, it ensures maximum energy production throughout the day, while its long-lasting LFP battery provides uninterrupted power. With wireless charging, fast Type-C, and USB outputs, it allows users to conveniently charge their mobile devices, and the integrated lighting system offers a safe and comfortable solution for nighttime use. Solar Bank elevates the user experience by perfectly combining sustainability, technology, and aesthetics.



High Efficiency
Solar Panel



Long Life
LFP Battery



Multiple Charging
Options



Integrated
Lighting System

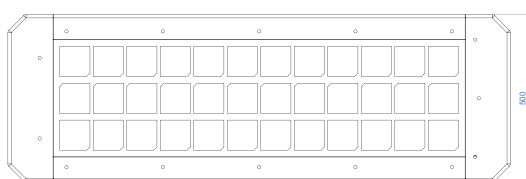


Durable
Wooden Design



Model Type	SOLAR-BANK-MDL-2		
General Solar Bank Features			
Material	Outer Casing: Wood Metal Parts: Galvanized Steel		
Solar Panel Power (Wp)	75		
Battery Capacity (Wh)	307		
LED Power (W)	10		
Fast Charging	Wireless Type-C 3.0 USB 3.0		
Solar Bank Dimensions (WxHxL) (mm)	500x1500x480		
Solar Panel Specifications			
Maximum Power (Pmax)	75		
Power Tolerance	0~+5		
Module Efficiency (%)	17.44		
Maximum Power Voltage (Vmp)	22.68		
Maximum Power Current (Imp)	3.31		
Open Circuit Voltage (Voc)	25.84		
Short Circuit Current (Isc)	3.45		
Maximum System Voltage (V DC)	1000		
Cell Type	TOPCon N-Type		
Number of Busbars (pcs)	4		
Cell Efficiency (%)	25.2		
Cell Size (mm)	91x91		
Number of Cells (pcs)	36		
Battery Specifications			
Total Nominal Voltage (V)	12.8		
Capacity (Ah)	24		
Battery Technology	LiFePO4		
Total Number of Lithium Cells(pcs)	16		
Total Capacity (Wh)	307.2		
LED Specifications			
Total LED Power (W)	10		
Light Color Temperature (K)	4000-5000		
Luminous Flux (Lm)	2400		
Total Number of LEDs (pcs)	2		
LED Module Dimensions (WxDxH) (mm)	250x18x8		

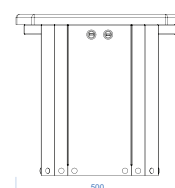
Top View



Front View



Side View



* The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 6%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The technical specifications in this document may vary. For more information, refer to the "Installation Manual".

* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic, PVC or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

* TommaTech® GmbH reserves the right to change the specification of products without prior notice.