

### **CWD-KIT-307WH-12.8V**

## SOLAR POWERED EMERGENCY KIT

CW DEFENCE Solar Powered Emergency Kit is designed with Lithium Iron Phosphate energy storage technology to charge your devices and provide ambient lighting in emergency situations where you need energy. The 12V system voltage emergency kit, which can be charged with solar panels, is easy to carry with its compact and lightweight design, while its USB, lighter output and LED lighting provide functional use.



High Performance Great performance based on the latest generation of LiFePO4 technology



Smart Management System The advanced built-in BMS technology ensures a safe operation



Long Lifespan Long lifespan up to 5000 cycles

Durable Aluminum Case Aesthetic, compact and durable metal cabinet design

Easy to Use Ease to use with functional key combination



Temperature Resistant Temperature sensor and heat resistant casing



Ultra Lightweight Ultra thin and durable design



**Fast Charging Technology** Fast charging up to 3 amps with QC 3.0 technology







# CW V Defence

### **TECHNICIAL SPECIFICATIONS**

	CWD-KIT-307WH-12.8V	
Capacity	307Wh (12.8V/24Ah)	
Solar Input [W]	120 (Max.)	
DC Output	12	
Lighter Output [V]	12 (x2)	
Led Power [W]	3	
Output Ports	USB-A / TYPE-C	
USB-A Output	QC 3.0 Quik Charge 5V-9V-12V	
Battery Chemistry	LFP 32700 Cylindrical	
Cycle	(100% D.O.D)	
Panel Connection	SMC4-MC4 Connector	
Charge Temperature	0 - +60	
Discharge Temperature	-20 - +60	
Storage Temperature	0 - +35	
Humidity (Non-Condensing)	Max. 95%	
Weight [kg]	1.8	
Dimensions [mm]	222x140x120	
Casing Material	Aluminum	

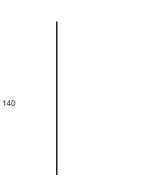
#### **PHYSICAL CHARACTERISTICS**



FRONT VIEW

222

Unit: mm





120

\* The specifications are obtained under the standard test conditions: 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 3%. 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". \* CW DEFENCE reserves the right to change the specifications of the products without prior notice. Ver.2307.21

\* CW DEFENCE products are project-based products and can realize special projects upon your requests.

cw-defence.com