



unite to light



Unite to Light Solar Charger & Battery Bank - TECHNICAL SPECIFICATIONS

Description

A solar powered portable charging and lighting device incorporating 3.75 W solar panels, a 9-LED flashlight, and an 8000 mAH polymer battery with 2 USB output ports and 1 USB-C input and output port all in a compact modular design.

General Information

Product Name	Solar Charger & Battery Bank
Contact	admin@unite-to-light.org
Website	http://www.unitetolight.org/
Warranty	1 year for manufacturing defects

Charging Specifications

Phone charge time	0 to 100% in 4 hours for a 2000 mAh battery using Port 1 (USB-C 5V, 2.0A)
Battery charge time	10 hours in direct-sun per 2000 mAh of capacity
Charge capacity	Charges I-phones up to 4 times on full battery

Solar Panel Specifications

Design	3 Modular Solar Panels (foldable)
Capacity	5V/3.75 W

Battery Specifications

Battery type	Grade A polymer
Battery capacity	8000 mAh
Battery voltage (input)	USB-C 5V/2.0A
Battery voltage (output)	USB1: 5V/2A, USB2: 5V/1A, USB-C: 5V/2A

Additional Features

Multiport	Dual USB + USB-C output ports for multiple device charging
Wall charging	USB-C for wall charging using standard 120V outlet
Light	9 LED flashlight with 2 working modes (High, Low)
Durability	Water resistant, 100% dust-proof
Color	Green

Dimensions

Dimensions	155 * 82 * 25 mm (6.10 * 3.23 * 0.98 in)
Weight	338 g (11.9 oz)

Safety Features

Certifications	CE, FCC, RoHS Certified
Protections	Thermal & Overcurrent Protections