

UKT0037

Technical Datasheet



Features

- Ultralife's field proven, tactical charger for UBBL06 (LI-145), UBBL06-01 (LI-175) and UBBL08 (LI-80) batteries
- Level 3 Smart Charger
- Wide input voltage for global use
- Rugged case with chemical agent resistant coating
- LED display
- EMI compliance to MIL-STD-461E
- Cable to connect charger to battery
- 52 Watt foldable solar panel
- Cables to connect solar panels to CH0008
- 1000D Cordura zippered carrying bag
- Operator's card for ease of use
- Three camouflage options available

Benefits

- Man-portable tactical charging
- Enable safe and efficient solar charging of UBBL06 (LI-145), UBBL06-01 (LI-175) and UBBL08 (LI-80) batteries

Applications

- For users who require only solar charging for UBBL06 (LI-145), UBBL06-01 (LI-175) and UBBL08 (LI-80) batteries
- Existing CH0008 customers may purchase UKT0038 to convert CH0008 to a solar charger

Technical Specifications - Kit

Part No.	UKT0037-XX: Solar Kit with charger (see note)
Weight	Approx. 2.26kg (5.0lb)
Export License	ECCN 3A611.x export license required to export from U.S.

Technical Specifications - Charger

DC Input	10-32V
DC Output	16.8V
Solar Input	1 x 52W panel
Connectors	Input: Glenair #807-216-07ZNU6-6CX Output: Glenair # 807-216-07ZNU6-6DZ
Charge Rate	2.0A max.
Battery Types	UBBL06 / UBBL06-01 / UBBL08: Lithium-Ion (Li-ion)
Color	Green #34094 per FED-STD-595
Finish	Powder Coat
Size	16.0cm (6.30in) x 8.0cm (3.15in) x 3.5cm (1.39in)
Weight	490g (1.08lb)
Operating Temperature	-32°C to 55°C
Storage Temperature	-32°C to 71°C

Technical Specifications - Solar Collector

Rated Power	52W
Operating Voltage	21.6V
Operating Current	2.4A
Weight	1.2kg (2.6lb)
Size	Folded: 26.2cm (10.3in) x 30.7cm (12in) x 5.3cm (2.1in) Unfolded: 198.1cm (78in) x 83.8cm (33in)

Included Accessories

Description	2 ft. Charge Cable 4 ft. Solar Panel Cable (4) Stakes Storage Bag Size: 36.19cm (14.25in) x 13.33cm (5.25in) x 31.11cm (12.25in)
-------------	--

Note	Suffix-01: Traditional Camo Suffix-02: Desert Camo Suffix-03: Digital Camo
------	--

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Ultralife:](#)

[UKT0037-03](#)