

Universal Battery Charger (UBC) **Modular Tactical Battery Charger**



Rugged and
Battle Proven

1100849-XXX Universal Battery Charger (UBC)

Extremely Rugged, Tactical Battery Charger

The UBC is a high-performance, tactical charger designed for extreme environments and versatile field applications. It supports simultaneous charging of up to 8 batteries and 4 USB devices, offering unmatched flexibility and efficiency.

Key Features

- IP67 Waterproof: Designed for extreme environments.
- MIL-STD-810 Compliant: Shock, vibration, and driven rain
- MIL-STD-461 Compliant: Meets electromagnetic standards
- Modular Design: Configurable using modular adapters
- On-the-Move Charging: Vehicle charging with shock tray



Part Number Variants

Part Numbers	NSN	Components
1100849-551 (same as 4102871-501)	6130-01-669-6104	UBC with one UNV and one CWB Adapters
1100849-553		UBC with two CWB Adapters
1100849-554		UBC with two Standard PRC (ALR) Adapters
1100849-557	6130-01-711-0891	UBC with one CWB and one PRC (Combo) Adapters

Technical Specifications

Input Power	(User Configurable) 420 Watt
Input Power Voltages	10-34 VDC. MIL-STD-1275D
Charging Adapters	2 Adapters (UBC Compatible), up to 8 flexible charging ports
Fixed Charging Ports	2 BB-2590/BB-390 Ports
USB-A Ports	4 Ports (10 Watts each)
Simultaneous charging	8 batteries, and 4 USB-A Ports
Display	Tri-color LEDs
IP Rating	IP66 for operational charging and IP67 non-operational
Temperature	Operating -32°C to +51°C, Storage Temperature -33°C to +71°C
Weight	6.0 lbs. (454 g)
Dimensions	(H x L x W) 4.5" (11.43 cm) x 8.0" (20.32 cm) x 8.7" (22.10 cm)

UBC-X Adapters



CWB Adapter



Universal Adapter



Combo Adapter



STUB Adapter



ALR Adapter



SPEAR Adapter

Adapters	Ref. Name	Batteries Supported	No. of Batteries	NSN
4102869-501	CWB	Conformal Wearable (CWB)	4	6130-01-664-8300
4103081-501	Combo	PRC-148/148E, PRC-152/163	4	6130-01-710-7593
4102962-501	ALR	PRC-148, PRC-152/163	4	6130-01-681-9737
4103154-501	SPEAR	PRC-148/148E, PRC-152/163	4	
4102870-501	Universal	PRC-154, PRC-170	4	6130-01-664-8268
1600988-1	STUB	BB-251X, BB-252X, USB-C	4	6130-01-715-8282

Accessories



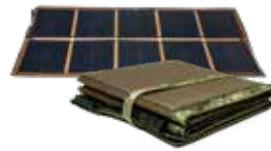
Hard Cover Tactical



UBC Low Profile Hard Cover
(used with standard PRC
combo adapters)



UBC Vehicle Shock Tray



120 Watt Foldable
Solar Panel



AC/DC Power Supply

Accessory	Part Number	NSN
Hard Cover	1600829-2V	6130-01-664-7897
Hard Cover Low Profile	1600829-2S	
Vehicle Shock Tray	4600171-1	
AC/DC Power Supply	1600787-1	6130-01-618-4110
120 Watt Solar Panel	1600813-3	6117-01-664-7860
180 Watt Solar Panel	1600975-1	
Transit Case	1600829-23	8145-01-664-7882

Cables



18" Solar Extension



Universal DC Cable



NATO Slave Vehicle Cable



DC Cable with Alligator clips

Accessory	Part Number	NSN
Universal DC Cable	85568-003	
18" Solar Extension	85585-001	6150-01-664-8171
NATO Slave Vehicle Cable	85587-002	
DC Cable with Alligator Clips	85589-002	6150-01-643-6789
AC Power Cord 10A 6'L w/NEMA 5-15P/IEC 60320 (Standard)	855009-001	6150-01-664-8202
AC Power Cord (EU)	85458-001	
AC Power Cord (Australia)	85458-002	
AC Power Cord (UK)	85458-003	

Kit Part Numbers

Part Number	Kit Components	NSN
1100782-501	Full Kit with AC/DC, 120 Watt Solar Panel, and transit case	6130-01-659-7090
1100849-502	UBC with 1 Universal and 1 CWB Adapters, DC Cables, AC/DC power supply and AC Power Cord	
1100849-503	UBC with 2 CWB Adapters, DC Cables, AC/DC power supply and AC Power Cord	
1100849-504	UBC with 2 Standard PRC (ALR) Adapters, DC Cables, AC/DC power supply and AC Power Cord	
1100849-505	UBC with 2 SPEAR Adapters, DC Cables, AC/DC power supply and AC Power Cord	
1100849-506	UBC with 2 Universal Adapters, DC Cables, AC/DC power supply and AC Power Cord	
1100770-501	UBC Dismounted Accessory Kit, 120W Solar Panel, Transit Case, AC/DC Power Supply, Power Cord and, Solar extension and DC Cables	6130-01-664-6819

Specifications are subject to change without notice.

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