



POWER 4 DEVICES WITH 1 ADAPTER

USE EXTERNAL POWER SOURCES (10-36V) simultaneously:

- RUN the twist-lock powered device (up to 30W), **and**
- CHARGE or maintain full-charge on the twist-lock battery, **and**
- OUTPUT 12V (up to 1.5A) to power a camera, **and**
- OUTPUT 5V (up to 2.1A) to power devices/phones
- (1) up to 50W with no 12V output.

PRODUCT OVERVIEW

Experience the Twist-Lock Power Adapter (T-LPA) versatility. Using a variety of DC and AC power sources, the T-LPA will **power** any twist-lock device (i.e., radio), **charge** the battery with up to 24W, and **provide** 5V out with an option to **simultaneously** add additional 12V out, if desired. The T-LPA provides **short circuit and overcurrent protection** on 5V (max of 2.1 amp) / 12V (max 1.5 amp). This is an ideal product for high voltage/wattage radios (up to 50W radio).

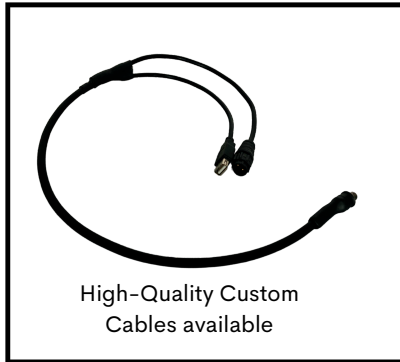
The Twist-Lock Power Adapter locks securely to the radio and the battery while also supplying auxiliary output power for 5V and 12V. This is the **only product** on the market currently able to offer all of this simultaneously.

There are several cable and employment options for the T-L Power Adapter. Mission Mobility specializes in making high quality **custom-length cables** in **Breakaway** or **Pull-Release Style**. Select from:

- Straight cables to charge battery and run the device.
- 5V "Y" cable - capability of the straight cable and will power out 5V (10W max)
- 12V "Y" cable - capability of the straight cable and will power out 12V (18W max)
- "W" cable - this cable powers all of the above for greatest versatility.

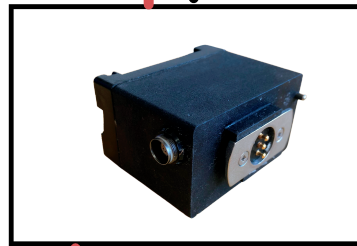
Technical Specs	
Weight	0.35 lbs (157 g)
Size	2.25" H x 2.63" W x 1.52" D
Input/ Aux. Output Connector	GKOWAM-P09UM00L (ODU) (A KEY)
Applicable Standards	MIL-STD-810G, MIL-STD-461F, MIL-STD-1275D
IP 68 Rated Composite Case	Submersible (30 minimum, 20 m)
Operating Temp Range	-40C to +60C
Storage Temp Range	-40C to +85C
Input Voltage	10 - 36V @ 7 ADC (max)
Input Power	90 W (min)
Radio Voltage	12.5 VDC nominal @ 50 W
Aux.Output Power 1	5V (2.1 A, 10 W)
Aux.Output Power 2	12V (1.5 A, 18 W)
Li Ion Batt Charge Time	3 hours typical
Li Ion Batt Charging Current	1.3 A and declining *
	Trickling/tapering?

Note: Mission Mobility is the only manufacturer offering 5V and 12V out simultaneously.



Twist-Lock Device

Compatible with Silvus 4200 Radio series, Tales, PacStar, AN/PRC-161 MBITR, AN/PRC-152, RF-310M-HH, L-3 Tactical ROVER-P (SIR 2.5) and Persistent Systems Wave Relay Gen4 (MPU4)



12V Out

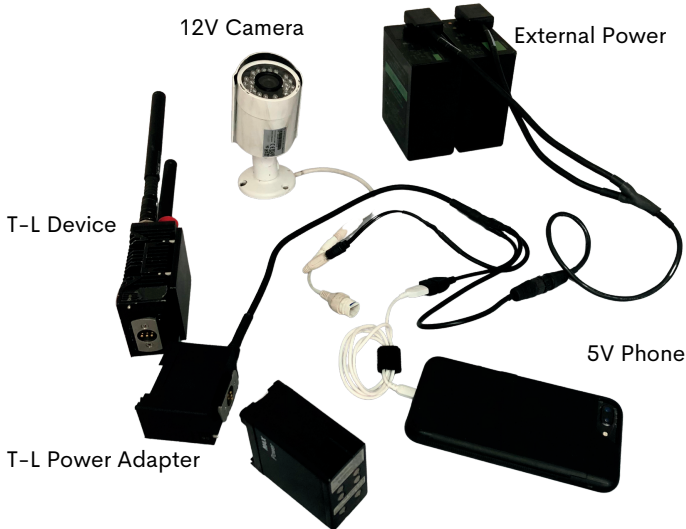
5V Out

Power In 10/36V

90W or higher power supply recommended.

w/ no external source,
battery powers all (T-LD, 5V, 12V)

w/ external source,
battery charged



T-L Power Adapter with a "W" Cable

External Power	5V Out	T-L Device	BATT	12V
90W	10.5 W	20	16	21
90W	10.5 W	30	9	18
90W	10.5 W	40	6	12
90W	10.5 W	50	6	0

- Designed and assembled in the U.S.A.
- **Lower price point and bundled to save:** price is less than similar products with quantity discounts available

External Power	T-L Device	BATT	Draw
60W in	25W	fast charge	draw 5V/2.1A & 12V/1.5A out
60W in	35W	fast charge	draw 5V/2.1A & 12V/1.5A out
60W in	45W	fast charge	draw 5V/2.1A out