

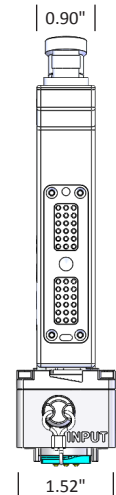
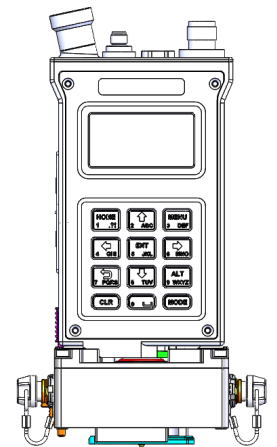
# MERLIN-HANDHELD TW-950 RADIO POWER ADAPTER

- Keep your radio and your device powered
- Efficient charging capability

- Extend your runtime with 148/152 style batteries and recharge on the go with our power scavenging capability.
- Hot-swap batteries or use without a battery while connected to input power.
- Proprietary MPPT algorithm for maximum compatibility with fielded solar panels.
- New USB OTG data pass-through capabilities (see reverse).
- Auxiliary power output capable of 5 V or 12 V for running accessories including an EUD, GPS, or camera.

### PHYSICAL AND ELECTRICAL PROPERTIES

PARAMETER	CHARACTERISTIC
Weight	0.35 lbs (161 g)
Size	1.44" H x 2.70" W x 1.52" D
Input Connector	GK0WAM-P09UM00L (ODU) (A KEY)
Output Connector	GK0WBM-P09UM00L (ODU) (B KEY)
Applicable Standards	810G, 461F, 1275D
Operating Temp Range	-40° to +131°F (-40° to +55°C)
Storage Temp Range	-59° to +160°F (-50° to +71°C)
Input Voltage	10–40 VDC @ 5 ADC (max)
Input Power	110 W
Radio Voltage	4 VDC nominal @ 32 W max
Aux. Output Power	5 V (10 W max) or 12 V (15 W max)
Efficiency	94%
Li Ion Battery Charge Time	3 hours typical



**MERLIN-HANDHELD TW-950  
RADIO POWER ADAPTER**

OPERATORS NOW HAVE THE ABILITY TO CONNECT THE TW-950 BACK TO A SOLDIER SYSTEM HUB WITH JUST ONE CABLE FOR POWER AND DATA.

