

# UPC/BP-2

## RRT Inc Two-bay Battery Pack with Uninterruptable Power Supply Circuitry

The RRT Inc. Two-bay Battery Pack with Uninterruptable Power Supply Circuitry (UPC/BP-2) (12 or 24 VDC) is a state-of-the-art XX90 Lithium battery power pack. It performs as a DC power-out unit and can be alternatively loaded with either primary or secondary batteries (i.e.BA-5390, UBI-2590 battery). The UPC/BP-2 is also equipped with uninterruptable power circuitry that allows it to perform as an Uninterrupted Power Supply (UPS) and provides your gear with instantaneous protection from input power interruptions. Your external DC voltage input is also your voltage output (power pass-through). Disconnect from the external power source and the UPC/BP-2 automatically and immediately reverts to the internal batteries to continue to power your equipment without power loss. The unit can be customer ordered as either a 12 or 24 VDC (nominal) output version. The unit is circuit breaker protected resettable and will trip at 10 (12 VDC) or 5 (24 VDC) Amps. The unit is housed entirely within an 5052 aluminum alloy case providing high strength, durability and excellent corrosion resistance, particularly in extreme temperature and harsh weather environments. Output power is transferred through a printed circuit board with installed diode protection ensuring that batteries discharge at a close to constant rate and reverse voltage charge to the installed batteries is avoided. Output and input power cables are customer defined and sold separately. Many cable designs and configurations are possible depending customer equipment requirements (i.e. connection type, cable length, etc.).



TECHNICAL DATA	
<b>Connectors:</b>	Neutrix XLR (4-pin Male (input)) (4-pin Female (output))
<b>DC Input (External):</b>	9V ~ 36V DC Input
<b>DC Output (External):</b>	9V ~ 36V DC Input (pass through)
<b>DC Output (Internal Battery):</b>	Max 10 Amps @ 16.5VDC (12VDC version); Max 5 Amps @ 33VDC (24VDC version)
<b>LED Indicators:</b>	Red – Low voltage Green – External Power on/in-use
<b>Dimension:</b>	14 3/4”L x 3”W x 7 1/8”H
<b>Total Weight (W/Out Battery):</b>	4.6 lbs.
<b>Options:</b>	Customer Specified Cables

**RRT Part Number 02-778-0049**

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RRT Inc. is ISO 9001:2015 certified