



BTU RESEARCH™

AUXILIARY POWER CAPSULE

BTU-AP-350



The **Auxiliary Power Capsule** provides an additional 350Wh of back-up run time capacity to the Brownout Buddy. These capsules are designed to be daisy chained. The **Auxiliary Power Capsule** is a 350Wh Li-Ion battery pack intended for use with the **Brownout Buddy™**. When connected to the Buddy's AUX port, each APC extends emergency run-time by 4 times. APCs are din rail mountable and may be positioned alongside the **Brownout Buddy™** and **Buddy Powered Switch™** to provide continuous operation of multiple IoT PoE devices. Capsules will recharge when utility power is restored. **Run-times and number of PoE devices to be constantly powered, are fully scalable.**



PRODUCT ADVANTAGES

- LED Indicators
- Provides rail-type installation method
- Fully recharges in less than 8 hours
- Battery Over-depletion protection preserves batteries and prevents over-depletion hazards
- Designed to be daisy chained with as many capsules as are needed
- Superior performance, successfully used in industrial field

POWER	
Input Voltage	90 to 264VAC +/- 10% 47 to 63Hz
Input Current	2.5 A MAX
DC Outage Voltage	21 to 29.4VDC
DC Output Current	3A
INTERNAL BATTERY STORAGE	
Battery Pack	28-cell (7S4P) Lithium Ion (LiCoO ₂) 18650
Pack Capacity	350WH
MECHANICAL	
Dimensions	101 x 101 x 196 mm
Weight	2.5 Kg
Mounting	Din Rail Mountable - Kit Included
ENVIRONMENT	
Operating Ambient Temperature	-10°C to 60°C
Operating Humidity	90% Non-Condensing
Storage Humidity	95% Non-Condensing
Shock/Vibration	10 to 300Hz, 10 min/cycle, for 1 hr along each of the X, Y & Z axis, 2g-rms
SAFETY AND REGULATORY COMPLIANCE	
Safety	UL 62133, CB 62133 & UN38.3
WARRANTY	
BTU-AP350Wh	Device: 1 Year Limited