

UPS SWITCHPAK

UNINTERRUPTIBLE POWER (OVER ETHERNET) SUPPLY™



60W
HI-POE

4ea
802.3af/at
at ports

Internal Battery
Pack

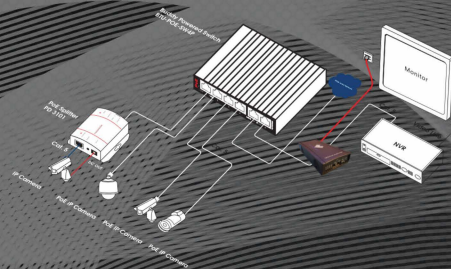
When the **UPS-POE Brownout Buddy Injector** recognizes AC power disruptions, its glitch free switching mechanism transfers the power source to an internal battery pack in picoseconds to provide undetectable and uninterrupted service of Ethernet powered devices. When combined with the **Buddy Powered Switch**, this compact pairing provides the same efficient, undetectable and uninterrupted service to multiple devices. A compact, plug and play package that takes **UPS** Anywhere, Everywhere.



BTU RESEARCH™

PRODUCT ADVANTAGES

- Compact
- Plug and Play
- Power and UPS to multiple devices
- Highly Cost Effective
- Din Rail Mountable
- UPS Anywhere, Everywhere
- Recharges when AC power is restored
- Internal Surge Protection



THE BUDDY POWERED SWITCH

Product Name	Buddy Powered Switch		
Product Model	BTU-POE-SW4P		
Interface	4 output ports providing 55W total power, 1 HIPOE input port, 1 adaptive port		
LED Indicators	POE Port: Link/Act, POE	RJ45 Port: Link/Act, SPD	
POE SPECIFICATION			
PoE Standard	Supports both IEEE802.3af and IEEE802.3at		
Single PoE Port Power Output	Max. 15.4 watts (IEEE 802.3af)	Max. 30 watts (IEEE 802.3at)	
Auto Detect	4 PoE port auto detect at/at devices		
Power Pin Assignment	1/2+/3/6-		
Forwarding Mode	Store-and-forward		
PERFORMANCE SPECIFICATION			
Bandwidth	1.8Gbps		
SRAM Buffer	448Kbits		
Forwarding Rate	1.19Mbps@64bytes		
Mac Address Table	1K		
MTBF	539608 hours		
PHYSICAL SPECIFICATIONS			
Product Size (W X D X H)	119x100x30mm		
Weight	0.4kg		
ENVIRONMENTAL			
Power	POE input power of 48V to 57V provided by BTU-UPS-HIPOE-60W-G Buddy		
Working Environment	Working Temperature: -40 ~ 80°C	Storage Temperature: -40 ~ 85°C	
	Working Humidity: 5% ~ 95% (non-condensing)	Storage Humidity: 5% ~ 95% (non-condensing)	
	Working high: Altitude of 3000 m (10,000ft)	Storage high: Altitude of 3000 m (10,000ft)	
Radiation	CE mark, commercial	FCC Part 15 Class B	
	VCCI Class B	EN 55022 (CISPR 22), Class B	
Standards Compliance	IEEE802.1P, IEEE802.1q, IEEE802.3az, IEEE802.3af, IEEE802.3at		
Safety	CE Mark, commercial, CE/LVD EN60950		
PACKAGE CONTENTS			
BTU-POE-SW4P with din-rail attachment			

BROWNOUT BUDDY™

Main Ports	Two Shielded RJ45 ports: Power+Data - LAN-(in) POE-(out)		
Auxiliary Ports	One AUX port with AMP connector for additional back up with the BTU Auxiliary Power Capsule or for use with a 24V solar converter. One RLY port with a Molex connector to dry contacts for notification of AC power status.		
LEDs (4 each)	AC Power, DC Power, Battery Charged, Battery Charging		
UPS-POE-INJECTOR SUMMARY SPECIFICATIONS			
AC Input Power	AC Input Voltage: 100VAC-264VAC	AC Frequency: 50-60Hz	
Output Power/Data Throughput	BTU MODEL NUMBER	OUTPUT DCV	DATA THROUGHPUT
	BTU-UPS-POE 60W-G	IEEE 802.3af/at compliant	10/100/1000 Mbps
Included Internal Battery Pack	BTU-UPS-HIPOE 60W-G	IEEE 802.3af/at compliant	10/100/1000 Mbps
	24V - 2200mAh rechargeable Li-Ion		
PHYSICAL SPECIFICATIONS			
Dimensions (L X W X H)	235 x 110 x 42 mm		
Weight	850G		
ENVIRONMENTAL			
Power	AC input voltage: 100-264 VAC	AC frequency: 50-60Hz	
Safety/Certifications	IEC-61000-4-2, 4.4, 4-5 ESD/EMV/EMC FCC Class B, CE, CB, UL, cUL-60950-1, EN60950-1, EMI/EMC:5502:2010 Class B		
Directive Compliance	ROHS, WEEE, REACH		
Operating	Temperature: -35° to 60° C	Humidity: 20% - 90%	
Storage	Temperature: -40° to 85° C	Humidity: 20% - 90%	
Vibration & Shock	10-3000Hz, 10 min/cycle, for 1 hr along each of the X,Y & Z axis, 2g-rms		
PACKAGE CONTENTS			
BTU-UPS-POE-Injector, AC Power Cord, Din Rail Mount Kit, Installation Guide			
MINIMUM REQUIREMENTS			
POE midpoint or endpoint device, Ethernet Switch for uplink connectivity, 2 ea. Cat5e or better patch cables, Wiring Standards: EIA 568A and 568B			

BATTERY LIFE EXPECTANCY

