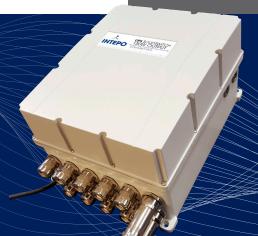# INTEPO

UPS SOLIDSWITCH
POE SWITCH & REMOTE INTELLIGENT POWER

UPS-SolidSwitch combines full Layer 3 capabilities with Remote Intelligent Power, delivering 802/3bt power to all ports. With Data Center quality UPS at the Edge, backed up by 1400Wh of Li-Ion PowerPaks, the **SolidSwitch** provides a fully integrated solution for Edge applications. An optional communications platform provides 2 transceiver modules, one dual sim and one single sim.

UPS-SolidSwitch is compact, robust and fully integrated to bring resiliency to Edge networks. The device has a considerable temperature range and certified to operate when fully submerged. Its optional fast battery charging system is designed to recharge the unit from depletion to full charge in 5 hours. A purpose designed installation assembly is available for pole mounting that makes one-person installation quick and simple.

UPS-SolidSwitch comes in 8+2, 4+2 and 4+1 configurations.

- **SolidSwitch** adds a new dimension to Edge network infrastructure by integrating network switching, Intelligent Power and multiple communication channels into one device.

- Integration creates the opportunity to provide full command and control over critical operations, guaranteeing continuity of Edge networks.

- An onboard, sophisticated Battery Management System provides the programmable control required for networks to adjust gracefully to degradation. This system will provide advanced notice of up to 6 months of the need to replace a PowerPak.

- Utilizing the **SolidSwitch** Command Post, simplifies system administrator programming over networking tasks and operational control of the unit.

CALL US TODAY
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UPS-SOLIDSWITCH
COMMAND POST

INSTALLATION
ASSEMBLY

PRODUCT **FEATURES**

- Fully managed layer 3, 8 port Gigabit Ethernet switch with 2 SFP-based Gigabit Ethernet ports and a multi-functional Auxiliary port
- Auto-negotiation and auto-sensing (MDI/MDI-X)
- SNMP V2, V3 - DES/AES/AES192/AES256
- Supports IEEE 802.1d Spanning Tree Protocol (STP)
- Supports IEEE 802.1p Quality of Service (QoS), 4 priority queues with dynamic packet mapping
- Supports IEEE 802.1q VLAN support for 128 groups and 4096 ID's
- Supports IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
- Supports IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- Supports IEEE 802.1x allows dynamic, port-based security, providing user authentication
- Supports IEEE 802.3u 100Base-TX
- Supports IEEE 802.3ab 1000Base-T
- Supports 802.3bt Type 4
- Supports IEEE 802.2x Flow control/collision control
- Supports Internet Group Management Protocol (IGMP) v1/v2/v3
- Supports Jumbo Frames up to 9000 bytes
- Supports IPv6 Multicast Listener Discovery (MLD)
- Supports TACACS & Radius AAA protocols
- Port mirroring/monitoring/sniffing
- MIB counters (34 per port)
- Loopback modes
- Link diagnostic capabilities
- Supports Remote Monitoring/Switch Monitoring
- Supports Trivial File Transfer & Secure File Transfer Protocols
- Supports Network Time Protocol (NTP)
- UL497B Compliant POE Surge Protection on-board
- Supports HTTPS, SSH2, TELNET, DCHP, LLDP, MQTT
- Supports IPsec tunneling
- Supports multicast routing

Maximum Power Output	240	
Dimensions	350Wh unit: 283mm x 230mm x 112mm	1400Whrs unit: 283mm x 230mm x 171mm
Weight	7Kg and 15Kg with Extended Power Cover	
VAC Input	85 to 264 VAC 50 to 60HZ	
PoE Out Voltage Range	50 to 57 VDC	
Port Configurations Surge Protection	Up to 8 PoE + 2 SFP with UL497B Surge protection on each port	
Connectors	Shielded RJ-45 and Cage SFP	
Data Rates	Gigabit	
PoE Output	Max output per port 100W IEEE802.3bt	
Internal UPS Switching	Glitch Free, undetectable switching from an external AC power source to internal DC supply	
Internal Battery Cells	LG INR 18650 1L, Cylindrical Li-Ion, Nominal Std charge/discharge: 3350mAh	
Internal PowerPak	PowerPak made up of 28 Battery cells providing 350Wh	
Internal UPS Emergency Power	4 ea PowerPaks provide up to 1400Wh	
Mounting	Wall Mountable or Pole Mountable Installation Kit (Sold Separately)	
Enclosure	Dust and Water Intrusion: IEC60529, Level IP68, NEMA 6P	
Operating Temperature	-34°C to 65°C – NEMA TS-2 Certified	
Operation Humidity	18% to 95% NEMA TS-2 Certified	
Storage Temperature	-40°C to 85°C – NEMA TS-2 Certified	
Storage Humidity	18% to 95% NEMA TS-2 Certified	
Safety & Regulatory Compliance	UL, cUL, CB, RoHS Compliant, WEEE Compliant, UL497B PoE Compliant	