



# Pro Max 24 PoE Spec Sheet

## | USW-Pro-Max-24-PoE

A 24-port, Layer 3 Etherlighting™ switch capable of high-power PoE++ output.

- Etherlighting™ ports that illuminate to indicate port location, speed/link, and native VLAN/network
- (8) 2.5 GbE PoE++ ports
- (16) GbE ports including (8) PoE+ and (8) PoE++
- (2) 10G SFP+ ports
- DC power backup ready
- 400W total PoE availability

### Mechanical

<b>Dimensions</b>	442 x 325 x 44mm
<b>Weight</b>	Without mounting brackets: 5.1 kg With mounting brackets: 5.2kg
<b>Enclosure material</b>	SGCC steel

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### Hardware

<b>Management interface</b>	Ethernet In-Band
<b>Networking interface</b>	(16) GbE RJ45 ports (8) 1/2.5 GbE RJ45 ports (2) 10G SFP+ ports
<b>PoE interface</b>	(8) PoE/PoE+ (Pins 1, 2+; 3, 6-) (16) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-)
<b>Total non-blocking throughput</b>	56 Gbps
<b>Switching capacity</b>	112 Gbps
<b>Forwarding Rate</b>	83.328 Mbps
<b>Power method</b>	(1) Universal input, 100-240V AC, 50/60 Hz (1) USP-RPS DC input
<b>Power supply</b>	AC/DC, Internal, 450W
<b>Supported voltage range</b>	100—240V AC
<b>Max. power consumption</b>	50W (Excluding PoE output)

<b>Total available PoE</b>	400W	
<b>Max. PoE wattage per port by PSE</b>	PoE: 15.4W PoE+: 30W PoE++: 60W	
<b>Voltage range PoE mode</b>	PoE: 44-57V PoE+: 50-57V	
<b>LCM display</b>	(1) 1.3" touchscreen	-
<b>LEDs</b>	RJ45 ports: link/activity	
<b>Button</b>	Factory reset	
<b>Ambient operating temperature</b>	-5 to 40°C	
<b>Ambient operating humidity</b>	10 to 90% noncondensing	
<b>Certifications</b>	CE, FCC, IC	

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## Switching Features

<b>Layer 2 features</b>	<ul style="list-style-type: none"> <li>IGMP snooping</li> <li>STP / RSTP with priorities and port-level disable</li> <li>Port isolation</li> <li>Storm control</li> <li>Voice VLAN</li> <li>Port mirroring</li> <li>LACP port aggregation</li> <li>Multicast / broadcast rate limiting</li> <li>MAC address blocking</li> <li>Flow control</li> <li>802.1X control</li> <li>Jumbo frames</li> <li>Propriety loop protection</li> <li>DHCP snooping / guarding</li> <li>Egress rate limit</li> <li>LLDP-MED</li> <li>Port restricted by MAC</li> <li>Device isolation with ACLs</li> </ul>
<b>Layer 3 features</b>	DHCP for locally-managed networks

DHCP relay  
Inter-VLAN routing between networks on same switch  
Static routing between local networks  
Network isolation with ACLs

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## **Etherlighting™**

### **Ethernet**

Locating  
Speed/link  
Native VLAN/network

### **SFP+**

Locating  
Speed/link  
Native VLAN/network

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## **LEDs**

### **System**

Status

### **RPS**

Status

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## **Application Requirements**

### **UniFi Network**

Version 8.0.24 and later