

# Igor® Approved PoE Power Sourcing Equipment (PSE) List

**Important:** When designing a PoE lighting system and selecting PSE devices, it is important to note the Max Available PoE Power value as compared to the number of PoE Output Ports on each device. *There are instances where the device may not have enough PoE power to run all of the output ports at maximum power levels.* Be sure to identify those scenarios and adjust the PSE count to allow for the required number of PoE ports at the required power levels for the system.

## AETEK

PoE++ Injector, Up to 95W per Port:

Model Number	Max. PoE Output Ports*	Max Available PoE Power	Description
I39-100	1	95W	Ultra PoE 95W injector

## Cisco Systems

UPoE+ Network Switches, 90W per Port:

Model Number	Max. PoE Output Ports*	Max Available PoE Power (115VAC/230VAC Input Power)**	Description
C9300-24H	24	2160W	Catalyst 9300 Series 1RU Rackmount Switch
C9300-48H	32	2880W	Catalyst 9300 Series 1RU Rackmount Switch
C9404R	96	4940W / 11,460W	Catalyst 9400 Series Chassis
C9407R	240	10,985W / 24,025W	Catalyst 9400 Series Chassis
C9410R	384	10,790W / 23,830W	Catalyst 9400 Series Chassis

\*C9400-LC-48U line cards are compatible with Igor Rev. 5 Nodes

\*C9400-LC-48H line cards are compatible with Igor Rev. 6 Nodes

\*\*With 230VAC input power, less PoE power is available with 115VAC input power

## Cisco Systems (cont.)

### UPoE Network Switches, 60W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
CDB-8U	8	480W	Catalyst Digital Building Series Switch
9300-24U	24	1440W	Catalyst Digital Building Series Switch
9300-48U	48	1800W	Catalyst Digital Building Series Switch

Each Cisco 9300 Series switch can be configured with a maximum of two 1100-watt power supplies. The maximum PoE power budget per switch is 1800 watts\*\*\*, regardless of the switch model in use.

**\*\*\*ATTENTION:** For the 48-port versions of these switches, only 30 ports (1800W / 60W) can be used at the maximum power rating of 60W/port. The 24-port switch versions will have enough PoE power to supply 60W on all ports.

### PoE+ Network Switches, 30W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
CDB-8P	8	240W	Catalyst Digital Building Series Switch

### Non-PoE (Data Only) Network Switches:

(for use with PoE midspans and power injectors)

Model Number	Ports	Max Available PoE Power	Description
SF300-24	24	N/A	Small Business 300 Series Managed Switch (SRW224G4-K9-NA)
SF300-48	48	N/A	Small Business 300 Series Managed Switch (SRW248G4-K9-NA)
SF350-24	24	N/A	Small Business 350 Series Managed Switch (SF350-24-K9-NA)
SF350-48	48	N/A	Small Business 350 Series Managed Switch (SF350-48-K9-NA)

## Extreme Networks

PoE++ Network Switches, 60W / 90W per Port:

Model Number	Max. PoE Output Ports	Max Available PoE Power (120VAC/240VAC Input Power)**	Description
X465-24MU-24W	48*	1762W / 3476W	Catalyst 9400 Series Chassis
X465-48W	48	1809W / 3523W	Catalyst 9400 Series Chassis

\* X465-24MU-24W offers (24) 802.3bt Type 3 60W PoE ports and (24) 802.3bt Type 4 90W PoE ports

\*\*Values shown for 100-120VAC input power and 200-240VAC input power

## Microsemi Corp.

PoE++ Network Switches, Up to 72W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
PDS-408G	8	480W	Fanless Switch, Plenum-Rated, AC Input, 10/100/1000Base-T

PoE++ Midspans and Injectors, Up to 95W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
PD-9606G/ACDC/M	6	1000W	6-port Midspan/Injector, AC&DC Input, 10/100/1000Base-T
PD-9612G/ACDC/M	12	1000W	12-port Midspan/Injector, AC&DC Input, 10/100/1000Base-T

PoE++ Midspans and Injectors, Up to 72W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
PD-9506G/ACDC/M	6	450W	6-port Midspan/Injector, AC&DC Input, 10/100/1000Base-T
PD-9512G/ACDC/M	12	1000W	12-port Midspan/Injector, AC&DC Input, 10/100/1000Base-T
PD-9524G/ACDC/M	24	1000W	24-port Midspan/Injector, AC&DC Input, 10/100/1000Base-T

## Ruckus

### PoE++ Network Switches, Up to 90W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
ICX 7150-48ZP	48	1480W	(16) Multigigabit (100Mbps/1Gbps/2.5Gbps) ports, each with Power-over-HDBaseT (PoH) up to 90 watts, plus (32) 10/100/1000 Mbps ports with PoE+ capabilities.

## Transition Networks

### PoE++ Network Switches, 90W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
SISPM1040-582-LRT	8	480W	Managed PoE++ switch suitable for connecting and powering devices in hardened environments.
SM24TBT2DPA	24	1640W	L2 Managed PoE++ Switch, (24) 10/100/1G PoE + (2) 100/1G SFP

### PoE+ Network Switches, 30W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
SM8TAT2SA	8	130W	Managed switch with 20Gbps switching capacity. Provides (8) 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability and (2) additional 100/1000 dual speed SFP slots.
SM24TAT2SA	24	370W	Managed switch with 52Gbps switching capacity. Provides (24) 10/100/1000Base-T copper ports with IEEE 802.3at PoE+ capability and (2) additional 100/1000 dual speed SFP slots.
SM48TAT4XA-RP	48	1640	Managed PoE+ switch with (48) 10/100/1000 copper ports and (4) dual speed 1G/10G SFP+ slots.

# Versatek

## UPoE Network Switches, 60W per Port:

Model Number	PoE Output Ports	Max Available PoE Power	Description
VX-GPU2610	4	250W	L2+ Managed UPOE Switch, (4) 10/100/1G PoE + (2) 100/1G SFP
VX-GPU2626	24	2200W	L2+ Managed UPOE Switch, (24) 10/100/1G PoE + (2) 100/1G SFP

## Who to Contact

### Igor Technical Services

For technical assistance, please contact Igor Technical Services. Our Technical Services phone line is staffed from 7:00 A.M. to 5:00 P.M. Central time, Monday through Friday, except for U.S. holidays. If arranged in advance, we can have an engineer available during local business hours.

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