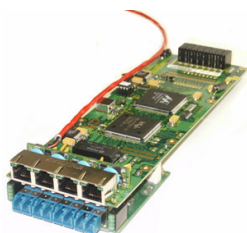


# Magnum 6K PoE Modules Configuration Guide



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**Magnum 6K PoE Modules** are available with a.) 48VDC Power Pass-Through for use in 6K Switches having -48VDC power input or b.) Power Inside for configuring in full rack-width 6K Switches having AC or 125VDC power input. For modules pictorial, see [http://garrettcom.com/6k\\_modules\\_poe.htm](http://garrettcom.com/6k_modules_poe.htm).



**Step 1.** If configuring in 6K Switches having -48VDC, choose a PoE Port Module Below. If you do not have -48VDC power input, go to Step 2. \*Note: Use column **A** module #s for 6K32T/TR, 6K32TRC, 6K25/R, 6K25e/Re, 6K32F/FR/FC/FRC, and 6K16. For 6K16V & 6K8 Switches, use column **B** module # (has “V” inserted in the model #). Any or all chassis slots may be configured with PoE modules. For 6KQ Switches, click [here](#). For 6KL Switches, [here](#)

<b>A</b> Module Model # (6K32T/TR, 6K32TRC, 6K25/R, 6K16, 6K32F/FC)	10/100	10BASE-FL	100BASE-FX(MM)	100BASE-FX(SM)	Gb Ports	PoE Ports	<b>B</b> Module Model # for vertical mount 6K16V and 6K8
P6KP7-1GSFP6RJ	6				1	4	P6KP7V-1GSFP6RJ
P6KP8-RJ45	8					8	P6KP8V-RJ45
P6KP8-45-2MT	6		2 (MTRJ)			4	P6KP8V-45-2MT
P6KP8-45-2SLC	6			2 (20km LC)		4	P6KP8V-45-2SLC
P6KP6-RJ10ST	4	2 (ST)				4	P6KP6V-RJ10ST
P6KP6-RJMST	4		2 (ST)			4	P6KP6V-RJMST
P6KP6-RJMSC	4		2 (SC)			4	P6KP6V-RJMSC
P6KP6-RJSSC	4			2 (20km SC)		4	P6KP6V-RJSSC
P6KP6-RJSSCL	4			2 (40km SC)		4	P6KP6V-RJSSCL
P6KP8-45RJ	8					4	P6KP8V-45RJ
P6KP8-45MT	4		4 (MTRJ)			4	P6KP8V-45MT
P6KP8-45MLC	4		4 (LC)			4	P6KP8V-45MLC
P6KP8-45SLC	4			4 (20km LC)		4	P6KP8V-45SLC

**Step 2.** For configuring full rack-width 6K Switches having AC or 125VDC input only

**2a.)** First choose a power-inside power supply just for PoE power.

6KAC-PoE-PS	Power Supply for PoE to 4 ports, 60 watts, mounts inside of a full-width rack-mount 6K Switch (6K25, 25e, 25R, 25Re) with AC power input.
6K125VDC-PoE-PS	Power Supply for PoE to 4 ports, 60 watts, mounts inside of a full-width rack-mount 6K Switch (6K25, 25e, 25R, 25Re ) with 125VDC power input.

**2b.)** Next, choose a PoE Port Module (only one PoE module may be configured)

Module Model # (for units having AC or 125VDC input) Power Inside Modules (PI)	10/100	10BASE-FL	100BASE-FX(MM)	100BASE-FX(SM)	Gigabit Ports	PoE Ports
PI6KP7-1GSFP6RJ	6				1	4
PI6KP8-45-2MT	6		2 (MTRJ)			4
PI6KP8-45-2SLC	6			2 (20km LC)		4
PI6KP6-RJ10ST	4	2 (ST)				4
PI6KP6-RJMST	4		2 (ST)			4
PI6KP6-RJMSC	4		2 (SC)			4
PI6KP6-RJSSC	4			2 (20km SC)		4
PI6KP6-RJSSCL	4			2 (40km SC)		4
PI6KP8-45RJ	8					4
PI6KP8-45MT	4		4 (MTRJ)			4
PI6KP8-45MLC	4		4 (LC)			4
PI6KP8-45SLC	4			4 (20km LC)		4