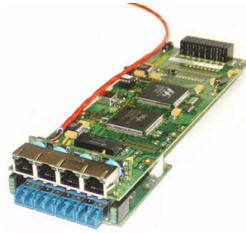


Magnum 6K PoE Modules Configuration Guide



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.



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](#)

| A 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 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-RJM5C | 4 | | 2 (SC) | | | 4 | P6KP6V-RJM5C |
| 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
2.) 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. |

(Note, Model P6KP8-RJ45 is not available for AC or 125VDC)

For Non-PoE 6K configuration guides, click on the [6K Family web page](#)