



The Martin™ IP66 PSU 240 W is an IP66-rated external power supply unit that can supply 48 VDC power to various Martin™ lighting and LED video products.

The Martin™ IP66 PSU 240 W replaces the Tripix™ Power IP66 external power supply unit, also from Martin™, and has identical specifications with the unit it replaces.

- Rugged extruded aluminum casing
- Auto-ranging 100-240 VAC power input
- Full protection with auto-recovery

**PHYSICAL**  
 Length: 314 mm (12.4 in.)  
 Width: 68 mm (2.7 in.)  
 Height: 39 mm (1.5 in.)  
 Weight: 1.5 kg (3.3 lbs.)

**CONSTRUCTION**  
 Housing: Aluminum  
 Finish: Clear anodized  
 Protection rating: IP66

**INSTALLATION**  
 Orientation: Any  
 Max. cable length, max. number of connected fixtures: See product user manuals

**CONNECTIONS**  
**AC mains power input**  
 Hard-wired (terminal block) via cable gland  
**48 VDC power output**  
 - To Tripix: Tripix Power Inserter Y-Cable, P/N 91611339  
 - To VDO Sceptron, Exterior PixLine, Exterior Dot-HP: XLR5+Martin™ IP66 PSU-to-BBD Input Cable, 0.25 m, P/N 11840275 or P/N 91616050  
 - To VC-Grid, VC-Strip: XLR5+Martin™ IP66 PSU-to-XLR4 Input Cable, 0.25 m, P/N 11840194 or P/N 91616039  
 - To VC-Feeder and VC-Dot: XLR5+Martin™ IP66 PSU-to-IP65 Input Cable, 0.25 m, P/N 11840195  
 See the user manuals of compatible products for the latest complete information on suitable cables and connectors, safety limits, etc.

**ELECTRICAL**  
 AC power input: 100-240 V nominal, 50/60 Hz  
 Power supply unit: Auto-ranging electronic switch-mode  
 DC power output: 48 VDC  
 Maximum DC output power: 240 W  
 Maximum DC output current draw: 5 A  
 Protection: Overvoltage, overcurrent, short circuit, overtemperature, all with auto-recovery

**THERMAL**  
 Cooling: Convection  
 Maximum ambient temperature (Ta max.): 45° C (113° F)  
 Minimum ambient temperature (Ta min.): -30° C (-22° F)  
 Maximum surface temperature, steady state, Ta=45° C (113° F): 80° C (176° F)  
 Total heat dissipation (calculated, including max. number of connected devices, all at full load): 820 BTU/hr.

**APPROVALS**



EU safety: EN 60598-2-6, EN 61347-2-13  
 EU EMC: EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547  
 US safety: UL 1012  
 Canadian safety: CSA C22.2 No. 107.1  
 Australia / NZ (pending) : RCM

### ACCESSORIES

Martin™ IP66 PSU 240 W to Tripix™ System Power Inserter Cable: P/N 91611339  
XLR5+Martin™ IP66 PSU 240 W-to-BBD Input Cable, 0.25 m, P/N 11840275 or P/N 91616050  
XLR5+Martin™ IP66 PSU 240 W-to-XLR4 Input Cable, 0.25 m, P/N 11840194 or P/N 91616039  
XLR5+Martin™ IP66 PSU 240 W-to-IP65 Input Cable, 0.25 m, P/N 11840195

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### ORDERING INFORMATION

Martin™ IP66 PSU 240 W (replaces Tripix™ Power IP66): P/N 90760330