**Martin IP66 PSU 240W**

**OUTDOOR RATED POWER SUPPLY UNIT**

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

**OVERVIEW**
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, such as Exterior PixLine, Exterior Dot-HP and VC-Dot. It provides an alternative to the P3 PowerPort in supplying power to fixtures in a DMX-controlled system.

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

**FEATURES**
- IP66-rated
- Wall-mountable
- Can be located up to 50 m (164 ft.) away from the creative LED video products
- No configuration or addressing required

**ORDERING INFORMATION**
- Martin™ IP66 PSU 240 W (replaces Tripix™ Power IP66)........................................ P/N 90760330

**ACCESSORIES**
- Power Inserter Cable, Martin™ IP66 PSU 240 W to Tripix™ system.......................... P/N 91611339
- Input Y-Cable, 5-pin XLR + Martin™ IP66 PSU 240W to BBD, 0.25m (9.8 in.).............. P/N 91616050
- Input Y-Cable, 5-pin male XLR + Martin™ IP66 PSU 240W to 4-pin fem. XLR, 0.25 m (9.8 in.)..... P/N 91616039
- Input Y-Cable, 5-pin male XLR + Martin™ IP66 PSU 240W to IP65, 0.25 m (9.8 in.)............. P/N 11840195
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TECHNICAL SPECIFICATIONS

SYSTEM INTEGRATION
Exterior PixLine™ family
Exterior Dot-HP™ family
VDO Sceptron™ family
VC-Dot™ family via VC-Feeder™
VC-Grid™ family (indoor product)
VC-Strip™ family (indoor product)
Tripix family

CONSTRUCTION
Housing: Aluminum
Finish: Clear anodized
Protection rating: IP66, NEMA 4X
RoHS compliant

INSTALLATION
Mounting: Fixation points for surface-mounting
Orientation: Any
Max. cable length: See connected product user manuals
Max. number of connected fixtures: See connected product user manuals

CONNECTIONS
AC mains power input
Hard-wired (terminal block) via cable gland

48 VDC power output
To Tripix: Power Inserter Cable, Martin IP66 PSU 240 W to Tripix system, 0.25 m (9.8 in.), P/N 91611339
To VDO Sceptron: Input Y-Cable, XLR5 + Martin IP66 PSU 240W to BBD, 0.25 m (9.8 in.), P/N 91616050
To Exterior PixLine: Input Y-Cable, XLR5 + Martin IP66 PSU 240W to BBD, 0.25 m (9.8 in.), P/N 91616050
To Exterior Dot-HP: Input Y-Cable, XLR5 + Martin IP66 PSU 240W to BBD, 0.25 m (9.8 in.), P/N 91616050
To VC-Grid: Input Y-Cable, XLR5 + Martin IP66 PSU 240W to BBD, 0.25 m (9.8 in.), P/N 91616050
To VC-Strip: Input Y-Cable, XLR5 + Martin IP66 PSU 240W to BBD, 0.25 m (9.8 in.), P/N 91616050
To VC-Feeder (VC-Dot): Input Y-Cable, XLR5 + Martin IP66 PSU 240W to IP65 connector, 0.25 m (9.8 in.), P/N 11840195

See user manuals of compatible products for 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-sensing multi-voltage switch-mode
DC power output: 48 V
Maximum DC output power: 240 W
Maximum DC output current draw: 5 A
Protection: Overvoltage, overcurrent, short circuit, over-temperature, all with auto-recovery
Surge protection: 4 KV

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: RCM
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DIMENSIONS

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.)

All dimensions are in mm