

# COEX™ Safe Area Power Supply Unit

## PSU-MJB

The COEX™ Power Supply Unit has been developed to work exclusively with the C2000 range of camera stations, providing a local low voltage supply and cable termination for marine and safe area applications.



The Power Supply Unit has been designed for both toughness and durability as demanded for operation in the most adverse of environments.

Manufactured from electro-polished 316L stainless steel for maximum corrosion resistance. The model incorporates a transformer and terminals and the option for management of fiber optic cores, which when mounted at ground level provide a maintainable and accessible solution whilst also allowing ease of installation.

### Features

- Enclosed system ensures high performance, and certified for temperatures from -45°C to +70°C ambient temperature
- Electro-polished 316L stainless steel, for maximum corrosion resistance
- IP66 and IP67 Rated

### Options

- Fiber splice provision with ST or SC connector configuration
- Lockable front cover
- Painted finish on external surfaces
- Removable sunshield
- Various voltage options
- Various size options
- Enclosure breather

# Specifications

CERTIFICATIONS / RATINGS*1	
EMC	EN61000-6-4 & EN61000-6-2
CE / UKCA	IEC62368-1, IEC60529, IEC60825-1
DNV	TAA00001M2
ENVIRONMENTAL [OPTIONS]	
Operating Temperature*2	-45°C to +70°C / -49°F to +158°F
Storage Temperature	-45°C to +80°C / -49°F to +176°F
Ingress Protection*1	IP66 & IP67 to IEC 60529
Salt Mist	Tested to IEC 60068-2-52 & IEC 60945 Section 8.12
Vibration	0.7 g test to IEC 60068-2-6 & IEC 60945
Wind Loading	Operational to 130 km/h, survival to 200 km/h
MECHANICAL [OPTIONS]	
Material	Electro-polished 316L stainless steel
Enclosure Paint	Available on request
Dimensions (W x D x H)	[Size 3] 268 x 88 x 366 mm / 10.55" x 3.46" x 14.4" [Size 5] 444 x 131 x 444 mm / 17.48" x 5.16" x 17.48"
Weight Empty	[Size 3] 3.9 kg / 8.6 lbs [Size 5] 8.9 kg / 19.62 lbs
Weight Populated*2	[Size 3] 7.5 kg / 16.53 lbs [Size 5] 14.5 kg / 31.97 lbs
Mounting	[Size 3] 4 x Ø 6.5 mm holes (Fixing kit included) [Size 5] 4 x Ø 9 mm holes (Fixing kit included)
Standard Gland Entries*2	[Size 3] 4 x M20 and 1 x M25 [Size 5] 4 x M20 and 2 x M25
Fiber Splice Provision*2	[Size 3] N/A [Size 5] Up to 12x splice protectors

NOTE: \*1 Exact certification requirements must be specified at the time of order. \*2 Dependent on certification and equipment fitted.

## PART CODE STRUCTURE

(Example) PSU - MJB-3SS  

A - B C

### A - PRODUCT MODE

PSU Power Supply Unit

### B - JUNCTION BOX MODEL

MJB-3SS Stainless Steel Size 3

MJB-5SS Stainless Steel Size 5

### C - COMMUNICATIONS INTERFACE

None

F Fiber (Size 5 only)