

Robusto Unit Hazardous Battery Unit

Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

6 or 12V up to 180W

Fully gasketed
NEMA 4X housing

Hazardous location
certified for Class I, Div. 2,
Groups A-D, Temperature
T2B Code



Weather proof PAR36
heads are standard

Durable and corrosion
resistant fiberglass

High-efficiency
two stage charger

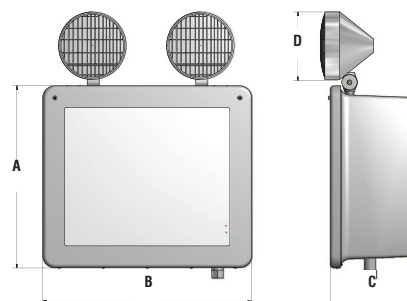
Magnetic test switch



EXTERNAL SPECIFICATIONS

The lightweight NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed for hazardous location applications and is supplied standard in an industrial grey finish. The **ROBUSTO** unit can be surface mounted on a wall. The unit comes standard with a LED status indicator and magnetic test switch.

DIMENSIONS (MM, IN.)



LAMP SELECTION: (ONLY PAR36 STYLE HEADS AVAILABLE)

	6V	12V
Composite Tungsten	7.2, 9W	9, 12, 18W
Composite Quartz (Q)	6, 8, 10, 12W	12, 20 (55W PAR36 only)
Sealed Beam LED (PAR36 only)	N/A	6W

Series	A	B	C	D
RBO-U	343mm	394mm	159mm	140mm
	13 1/2"	15 1/2"	6 1/4"	5 1/2"

ORDERING INFORMATION

Series	Operation	Capacity (Wattage)	Mounting	Heads	Lamp Type	Options
RBO-U	6 (6 VDC)	See model rating guide	W (Wall)	0	See lamp guide	NC (Ni-Cd batteries, see guide)
	12 (12 VDC)			1LRWP		WG (Wireguard)
				2LRWP		AT (Auto-test)
				3LRWP		SM (Side mount heads)
				4LRWP		TP (Tamper proof)
						*TD (Time delay - specify 5, 10, 20 mins)
						A (Ammeter)
						V (Voltmeter)

**FAI (Fire alarm interface - specify)

NOTE: *Specify AC input voltage **Specify open/closed/6-24 VAC EXAMPLE: RBO-U-12-90-2LRWP-22W-120/347V

DESCRIPTION: Robusto hazardous location combo exit, 12V, 90W, wall mount, 2 LR weatherproof heads, 22W lamps, 120/347VAC

LAMP HEAD FEATURES

The **ROBUSTO** units are supplied with two [2] top mounted weatherproof PAR36 large style heads when specified. Standard lamp heads are constructed of high impact thermoplastic in a grey colour. The PAR36 large style head features a unique locking collar that securely holds the lens and facilitates quick and easy re-lamping.

EXTREME CLIMATE DESIGN

The **ROBUSTO** has been designed to perform in applications where the environment would punish any standard unit. The entire internal cavity of the sign is protected from moisture ingress by an extremely resilient gasket. The gasketing always holds its original form and has “memory retention” so that it effectively and consistently protects the **ROBUSTO** from moisture.

CHARGER SPECIFICATIONS

The **ROBUSTO** series utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. A magnetic test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

MECHANICAL SPECIFICATIONS

The **ROBUSTO** series housing is constructed from durable, corrosion resistant fibreglass. The housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The **ROBUSTO** features a stainless breather to provide safe and effective unit ventilation. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors. These connectors allow for a large gauge of wire to be used increasing the flexibility of installation.

MODEL RATING GUIDE

Model	Voltage (output)	Wattage Rating 30 min
RBO-U-6-36	6	36
RBO-U-6-50	6	50
RBO-U-6-50-NC	6	50
RBO-U-6-80	6	80
RBO-U-6-90	6	90
RBO-U-6-100-NC	6	100
RBO-U-6-160	6	160
RBO-U-6-180-NC	6	180
RBO-U-12-36	12	36
RBO-U-12-50	12	50
RBO-U-12-72	12	72
RBO-U-12-90	12	90
RBO-U-12-100-NC	12	100
RBO-U-12-120	12	120
RBO-U-12-150	12	150
RBO-U-12-180	12	180
RBO-U-12-200-NC	12	200
RBO-U-24-200-NC	24	200

ELECTRICAL SPECIFICATIONS

The **ROBUSTO** series is standard with 120/347VAC input. CSA 22.2 No. 141-15 and C22.2 No. 137M performance certified.

INSTALLATION

The **ROBUSTO** unit is suitable for hazardous surface wall mounting. Four [4] stainless steel mounting feet ensure simple, secure and accurate wall installation. Suitable for hazardous, wet, and vandal location installations.

BATTERY TECHNOLOGY

The **ROBUSTO** is designed with maintenance free, sealed lead acid batteries providing a minimum emergency duration of 30 minutes. Ni-Cd batteries are optional. Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +40°C and the minimum is +10°C.

BEGHELLI AUTO-TEST (AT)

The Beghelli auto-test system automatically performs one 5 minute discharge test monthly and every 6 months it performs two 30 minute discharge tests, 24 hours apart. This tests both full battery capacity and recharge capability. The information is communicated simply and intuitively to maintenance personnel via a single multi-colour LED.