

Fortezza™ Unit

Wet Location IP66 & Vandal Resistant Battery Unit



Job/Location: _____

Contractor: _____ Prepared By: _____

Model Number: _____ Date: _____

6 or 12V up to 100W

Fully gasketed IP66

Heavy gauge die-cast aluminum housing

MR16 halogen and LED lamps up to 50W



High-efficiency two stage charger

UV resistant polycarbonate faceplate

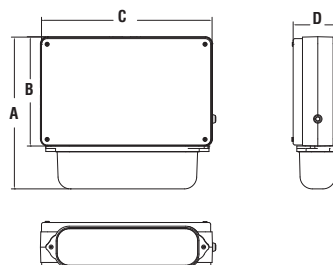
Vandal resistant to withstand extreme abuse



EXTERNAL SPECIFICATIONS

The **FORTEZZA™** series is constructed from .420" thick, heavy duty cast aluminum. Tamper resistant screws are standard and ensure the integrity of the battery unit. The **FORTEZZA™** series comes standard black although custom colour options are available upon request. The **FORTEZZA™** comes standard with an external LED status indicator and test switch. The lamp housing is constructed from a vandal resistant polycarbonate for maximum durability. CSA 22.2 No. 141-15 Performance Certified.

DIMENSIONS (MM, IN.)



Model	A	B	C	D
FTZ-BU	318mm	229mm	356mm	95mm
	12 1/2"	9"	14"	3 3/4"

ORDERING INFORMATION

Series	Volts/Watts	Mounting	Lamp	Options
FTZ-BU	See Model Rating Guide	*U (Universal)	See Lamp Selection	AT (Auto-test)
		W (Wall, no canopy)		PK (Pendant Kit)
				BB (Black body)
				WW (White body)

EXAMPLE: FTZ-BU-12-50-W-LED-5W-BB

DESCRIPTION: FORTEZZA™ vandal resistant battery unit, 12 volts, 50 watts, wall mount, 2 x 5W LED lamps, black face, black body.

VANDAL RESISTANT DESIGN

The ultra heavy duty design and construction of the **FORTEZZA™** series battery unit protects against potential vandals. The housing is protected by a 1/8" thick, impact resistant polycarbonate shield that is recessed into the housing and fastened with 4 tamper resistant screws. The **FORTEZZA™** offers a contemporary look and durability like no other.

MECHANICAL SPECIFICATIONS

The **FORTEZZA™** series is constructed of extra heavy duty cast aluminum with a 1/8" thick polycarbonate protective shield. Tamper resistant screws are standard. The **FORTEZZA™** is standard in an attractive black finish. Other colors are available, including custom color matching to meet the customer's needs. The polycarbonate cover is recessed into the housing making the **FORTEZZA™** series one of the most rigid, yet attractive high abuse battery units on the market.

EXTREME CLIMATE DESIGN

Temperature Rating: +10 to +40°C.

INSTALLATION

The **FORTEZZA™** series is supplied with a universal mounting canopy for wall, ceiling or end mount. Suitable for indoor, outdoor, damp or wet location applications with IP66 ingress protection.

SANITATION LISTED (SL)

The **FORTEZZA™** is sanitation listing approved. The Intertek verified splash zone listing is certified to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards of food service environments.

ELECTRICAL SPECIFICATIONS

The **FORTEZZA™** series is configured with 120/347VAC input.

LAMP SELECTION

	6V	12V
MR16	N/A	20, 35, 50W
LED-MR16	5, 7W	2, 5, 7W

EMERGENCY LIGHT FEATURES

The **FORTEZZA™** series is supplied with two [2] bottom mounted MR16 or LED style heads. The heads are enclosed in a thick high heat polycarbonate material to provide protection to the lamps. Tamper resistant screws are standard. The emergency light enclosure comes standard with a vacuum metalized reflector to maximize the light distribution.

CHARGER SPECIFICATIONS

The **FORTEZZA™** series utilizes a high-efficiency two stage charger providing a fully automatic constant charging current 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. An external dust tight push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

BATTERY TECHNOLOGY

The **FORTEZZA™** series is designed with nickel-cadmium nickel-metal hydride batteries providing a minimum emergency duration of 30 minutes. Recharge time of the battery is twenty-four [24] hours. The maximum battery operating temperature is +40°C and the minimum is +10°C.

MODEL RATING GUIDE

Model	Voltage (output)	Wattage Rating (30 min.)
FTZ-BU-6-36	6	36
FTZ-BU-6-50	6	50
FTZ-BU-12-20	12	20
FTZ-BU-12-40	12	40
FTZ-BU-12-70	12	70
FTZ-BU-12-100	12	100

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 multicolour LED. No need to memorize complex indicator protocols. No confusing array of multiple, same coloured LEDs that can be difficult to read from floor level.