

# Galaxy Metal Battery Unit

Job/Location: \_\_\_\_\_

Contractor: \_\_\_\_\_ Prepared By: \_\_\_\_\_

Model Number: \_\_\_\_\_ Date: \_\_\_\_\_



## INTERNAL SPECIFICATIONS

The **GALAXY** series is configured with universal 120/277/347VAC input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

## INSTALLATION

The **GALAXY** series is suitable for surface wall or ceiling and pendant mounting. Suitable for indoor installation.

## ORDERING INFORMATION

Series	Operation	Capacity (Wattage)	Heads	Lamp Type	Options
G	6 (Volt DC)	See model rating guide	0 (None)	See lamp guide	NC (Ni-Cd batteries, see guide)
			1SR (PAR18, 1 head)		CC (Custom colour - specify)
	12 (Volt DC)	(18W-72W)	2SR (PAR18, 2 heads)	LD (Lamp disconnect)	
			BTMR1 (MR16 1 head)	FD5 (5 circuit fuse distribution)	
			BTMR2 (MR16 2 heads)	AT (Auto-test self-diagnostics)	
			1LR (PAR36, 1 head)	*TD (Time delay - specify 5, 10, 20 mins)	
			2LR (PAR36, 2 heads)	ACTB (Terminal block AC)	
				DCTB (Terminal block DC)	
	TP (Tamper proof screws)				
	*IRT (Infra-red remote test)				
	HHC (Controller for IRT)				
	*RFS (Radio frequency suppression)				
	SMH (Side mount heads)				
	OBM (Octagon box mount)				
	TC (Teflon coated lenses)				
	*TLP (Twist lock plug)				
	CT (Cabtire cord set, 120V only)				

NOTE: \*AC Voltage must be specified

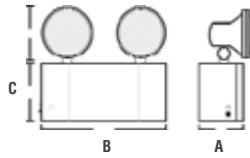
EXAMPLE: G-12-72-0

DESCRIPTION: Galaxy emergency only battery unit, 120/277/347VAC Input, 12VDC Output, 72W



INDOOR ARCHITECTURAL EMERGENCY

**DIMENSIONS (MM, IN.)**



Wattage	A	B	C
18-72	90mm	283mm	156mm
	3 1/2"	11 1/8"	6 1/8"

**EXTERNAL SPECIFICATIONS**

The **GALAXY** series is constructed with a 20 gauge steel cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. White powder coat finish is standard (other colours optional). Emergency lighting heads are molded from high impact thermoplastic in a matching colour; SR PAR18 style heads are standard, LR PAR36 style heads or metal BTMR MR16 heads are optional. Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit.

**MECHANICAL SPECIFICATIONS**

The **GALAXY** is constructed with a solid and durable 20 gauge steel housing. The universal mounting pattern stamped into the back of the unit allows for direct mounting to various conduit boxes. Key hole slots are also provided for additional mounting possibilities. Stamped conduit knockouts are supplied standard on all **GALAXY** units, providing the widest range of options for AC power source connection. 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. The **GALAXY** is supplied standard in a durable white powder coat, baked finish. Other colours are available, including custom colour matching, please specify.

**CHARGER SPECIFICATIONS**

The **GALAXY** 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 push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load.

**BATTERY TECHNOLOGY**

The **GALAXY** series is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 30 minutes (for the listed rating). 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.

**MODEL RATING GUIDE**

Model	Voltage (Output)	Wattage Rating 30 min
G-6-36	6	36
G-6-50	6	50
G-6-50-NC	6	50
G-6-80	6	80
G-6-100-NC	6	100
G-12-36	12	36
G-12-50	12	50
G-12-72	12	72
G-12-100-NC	12	100

**LAMP HEAD FEATURES**

The **GALAXY** series is normally supplied with two [2] top mounted PAR18 small style 9 watt heads. PAR18 & PAR36 lamp heads are constructed of high impact thermoplastic in a colour matching the finish of the cabinet (white is standard). Both head types feature a unique locking twist collar that securely holds the lens and facilitates quick and easy re-lamping. The BTMR MR16 heads are die-cast construction with white powder coat finish.

**LAMP SELECTION**

	6V	12V
<b>Composite Tungsten</b>	9, 12, 25W (18W-PAR36 only)	9, 12, 18W (25W -PAR36 only)
<b>Composite Quartz (Q)</b>	8, 10, 12, 20W	8, 10, 12, 20, 35W
<b>Sealed Beam Tungsten (SB)</b>	9, 12, 18, 25, 30W	12, 18, 25, 30, 35W
<b>Sealed Beam Quartz (QSB)</b>	8, 12, 20W	8, 12, 30W
<b>MR16 (SR or BTMR)</b>	10W	10, 12, 20, 35W
<b>LED-MR16 (SR or BTMR)</b>	5W	5, 7W

\* Maximum 12W MR16 in SR head.

**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, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-colour LED.