

Catalog Number	
Notes	Type

**Description:**

Precision die formed steel housing. One piece unit body with two or three high intensity tungsten lamp heads, 12 watts per head is standard. The 12EB unit provides 12 volt output, ranging from 27 through 72 watts rated for 90 minutes. Units can power multiple remotes, or perform at full light output for up to 6 hours when no additional remotes are added. 20 gauge housing is impact resistant. Electrostatic powder coat paint finish is scratch resistant. Inner chassis and wire-way are completely prewired and assembled for 2 minute installation.

**Electrical:**

- Dual voltage input, 120/277 VAC, 60 Hz. Contact factory for other voltages.
- Line latching
- Constant current solid-state voltage limited charger.
- Solid-state transfer switching.
- Circuit design includes brownout protection, low voltage battery disconnect, and short circuit protection.
- Circuit board includes momentary test switch and AC-ON visual indicator.

**Housing:**

- 20 gauge, die formed steel. Housing frame formed using 1 piece of steel. Electrostatic powder coat. Standard finish is White. Other finishes available.
- All electronic components including Lead Calcium batteries are prewired and assembled onto internal wireway chassis. Minimal installation wiring is needed.
- Housing has additional "Head" knockouts to relocate heads to the side of the unit.
- Back plate has universal j-box mounting pattern.

**Lamp Heads:**

- Lamp heads are constructed of injection molded polymetric material. Heads are fully adjustable on bi-directional axis to allow nearly infinite aiming options. Front lens assembly is injection molded from crystal clear acrylic with precision molded linear spread pattern for efficient lumen output.
- Rotation stops are molded into all heads as per UL 924 specifications.

**Battery:**

- Sealed, maintenance-free Lead Calcium, recombinant cell.
- Deep discharge does not damage battery due to low voltage disconnect.
- 90 minutes minimum discharge.

**Lamps:**

- Wedge based, T5, tungsten high lumen output. Standard unit utilizes 12 watt heads.

**Listing/Code Compliance:**

- UL 924 listed
- Life Safety NFPA 101, NEC/OSHA
- NYC MEA/BEC, Local Laws 16 & 41.

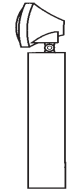
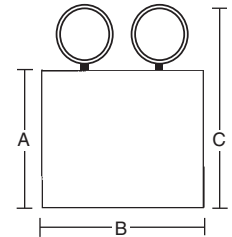
**Warranty:**

- Battery, 5 year pro-rata.
- Charger board, 5 years.



**12EB SERIES**

**12 Volt  
2 or 3 Head Unit  
Lead Calcium Battery**



		12EB36	12EB54
		12EB27	12EB72
A	9 1/2"	10 1/4"	
B	9 1/2"	14 1/2"	
C	13 3/4"	13 3/4"	
D	2 1/2"	2 1/2"	

**ORDERING INFORMATION**

SAMPLE CAT#: 12EB27-2-NY

**12EB**

Series	Wattage (90 Minute Output)	# of Heads	Options	Accessories
12EB Series	27 watts	0 No Heads	V Voltmeter	Cord/Plug Sets
	36 watts	1 1 Head	A Ammeter	3CP 120 volt
	54 watts	2 2 Heads	B Black Housing	37P 277 volt
	72 watts	3 3 Heads	TD Time Delay	MB Mounting Bracket
			IR IR Test Option	MS Mounting Shelf
			IRRM IR remote unit	GX72 Wire Guard
			NY NYC Approved	

**ENERGY DATA**

Charge Mode (Fully Discharged Battery)

12EB Series (Lead Calcium Battery)

Unit	Input (VAC)	Input Current (ma)	Watts
12EB27	120	40	4.4
	277	23	6.7
12EB36	120	40	4.4
	277	23	6.7
12EB54	120	50	5.4
	277	27	6.7
12EB72	120	50	5.4
	277	27	6.7

Note: Figures based on fully discharged battery on high charge.



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