



AQUA UNIT

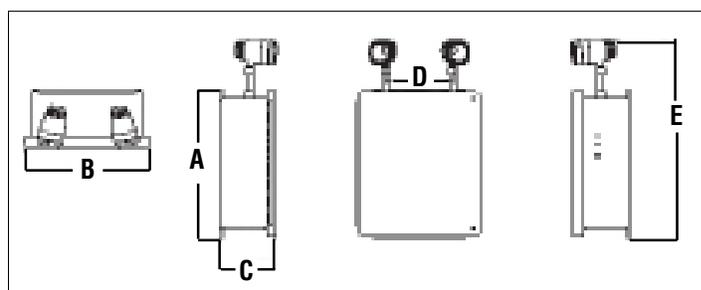
6, 12 & 24V NEMA 4 & 4X Battery Units

Project Name: _____ Model Number: _____
 Prepared By: _____ Date: _____

FEATURES & BENEFITS

- High-efficiency two stage charger
- 6, 12 or 24V up to 720W
- Durable and corrosion-resistant fiberglass
- NEMA 4X SEA MR16 heads are standard
- Fully gasketed NEMA 4X housing
- Four integrated mounting holes ensure simple and secure installation
- External test switch and monitor LED are standard
- Suitable for surface wall mounting, NEMA 4 and 4X installations
- Supplied standard in an industrial grey fiberglass finish
- CSA 22.2 No. 141-15 Performance Certified

DIMENSIONS



| CABINET | A | B | C | D | E |
|---------|-------------------|------------------|------------------|------------------|------------------|
| 1 | 291mm 11 7/16" | 235mm 9 1/4" | 138mm 5 7/16" | 160mm 6 5/16" | 419mm 16 1/2" |
| 2 | 343mm 13 7/16" | 286mm 11 1/4" | 138mm 5 7/16" | 211mm 8 5/16" | 470mm 18 1/2" |
| 3 | 94mm 3 3/4" | 340mm 13 3/8" | 159mm 6 1/4" | 260mm 10 1/4" | 521mm 20 1/2" |
| 4 | 445mm 17 1/2" | 391mm 15 3/8" | 159mm 6 1/4" | 311mm 12 1/4" | 305mm 12 1/8" |
| 5 | 502mm 19 3/4" | 429mm 16 7/8" | 229mm 9" | 311mm 12 1/4" | 622mm 24 1/2" |

BATTERY TECHNOLOGY

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 without internal heater option. With the internal heater the minimum operating temperature is -20°C.

ORDERING GUIDE

AQ-U - - - - -

| SERIES | OPERATION | CAPACITY | HEADS | LAMP TYPE | VOLTAGE | OPTIONS |
|--------|---|------------------------|---|---------------------------------|------------------------------|---|
| AQ-U | 6 (Volt DC) 12 (Volt DC) 24 (Volt DC) | See model rating guide | 0 (None) 1SEA (one MR16 head) 2SEA (two MR16 heads) 1TESSQ (One head, HO) 2TESSQ (Two heads, HO) ² 1LR (One head) ² 2LR (Two heads) | ⁴ See lamp selection | 120/277/347V 347V 120V | NC (Ni-Cd batteries, see guide) AT (Auto-test self diagnostics) A (Ampmeter) V (Voltmeter) LD (Lamp disconnect) ¹ TD (10 min. time delay) WG (Wireguard - refer to wireguard spec page) OBM (Octagon box mount) ⁴ TLP (Twist lock plug, 120V only) ¹ IH (Internal heater - specify AC input) ³ TC (Teflon® coated lamp lens) IRT (Infra-red remote test - specify AC input) LC (120V line cord) ³ HT (High operating temperature) |

NOTE: ¹Single voltage only, except if high power AT charger board is used. ²Heads are supplied standard weather proof. ³Available with LR heads with wedge and quartz lamp. ⁴120V only and no LC allowed. ⁵LC and TLP option not available.



COLD



WET/ NEMA 4X



AQUA UNIT

6, 12 & 24V NEMA 4 & 4X Battery Units

MODEL RATING GUIDE

| MODEL | VOLTAGE (OUTPUT) | VOLTAGE | | CABINET |
|----------------|---------------------|---------|--------|---------|
| | | 30MIN | 120MIN | |
| AQ-U-6-36 | 6 | 36 | 10 | #1 |
| AQ-U-6-50 | 6 | 50 | 15 | #1 |
| AQ-U-6-50-NC | 6 | 50 | 18 | #1 |
| AQ-U-6-80 | 6 | 80 | 24 | #1 |
| AQ-U-6-90 | 6 | 90 | 27 | #1 |
| AQ-U-6-100-NC | 6 | 100 | 35 | #1 |
| AQ-U-6-160 | 6 | 160 | 48 | #2 |
| AQ-U-6-180 | 6 | 180 | 54 | #2 |
| AQ-U-6-180-NC | 6 | 180 | 60 | #3 |
| AQ-U-12-36 | 12 | 36 | 10 | #1 |
| AQ-U-12-72 | 12 | 72 | 22 | #1 |
| AQ-U-12-90 | 12 | 90 | 27 | #1 |
| AQ-U-12-100-NC | 12 | 100 | 35 | #1 |
| AQ-U-12-120 | 12 | 120 | 36 | #2 |
| AQ-U-12-150 | 12 | 150 | 45 | #2 |
| AQ-U-12-180 | 12 | 180 | 54 | #2 |
| AQ-U-12-200 | 12 | 200 | 60 | #3 |
| AQ-U-12-200-NC | 12 | 200 | 65 | #3 |
| AQ-U-12-250 | 12 | 250 | 75 | #3 |
| AQ-U-12-360 | 12 | 360 | 108 | #3 |
| AQ-U-24-144 | 24 | 144 | 43 | #2 |
| AQ-U-24-180 | 24 | 180 | 54 | #2 |
| AQ-U-24-200-NC | 24 | 200 | 65 | #2 |
| AQ-U-24-320 | 24 | 320 | 96 | #3 |
| AQ-U-24-550 | 24 | 550 | 180 | #4/5 |
| AQ-U-24-720 | 24 | 720 | 235 | #4/5 |

LAMP SELECTION

| | 6V | 12V | 24V |
|------------------------------|---------|--------------------------|---------------|
| Composite Tungsten | 7.2, 9W | 9, 12, 18W | 9, 18 W |
| Quartz (Q) | 12W | 12, 20 (55W, PAR36 only) | N/A |
| LED-MR16 | 5, 7W | 2, 5, 7W | 5, 7W |
| MR16 ¹ | N/A | 50W | N/A |
| TESTA ² | N/A | 5, 9, 14, 30W | 5, 9, 14, 30W |
| Sealed Beam LED (PAR36 only) | N/A | 6W | 6W |

¹MR16 not available in SR head; ²12-24V.