



# AQUA UNIT

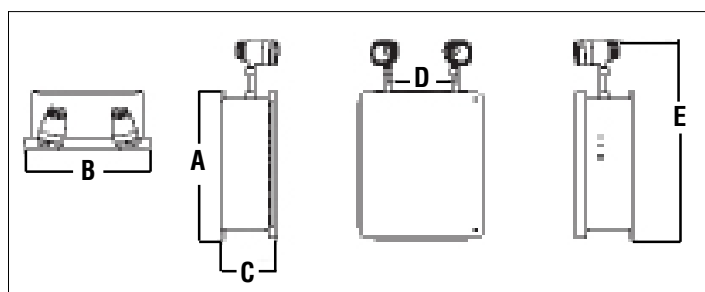
6, 12 & 24V NEMA 4 & 4X Battery Units

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 11/16"	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) <sup>2</sup> 1LR (One head) <sup>2</sup> 2LR (Two heads)	<sup>4</sup> See lamp selection	120/277/347V 347V 120V	NC (Ni-Cd batteries, see guide) AT (Auto-test self diagnostics) A (Ammeter) V (Voltmeter) LD (Lamp disconnect) <sup>1</sup> TD (10 min. time delay) WG (Wireguard - refer to wireguard spec page) OBM (Octagon box mount) <sup>4</sup> TLP (Twist lock plug, 120V only) <sup>1</sup> IH (Internal heater - specify AC input) <sup>3</sup> TC (Teflon® coated lamp lens) IRT (Infra-red remote test - specify AC input) LC (120V line cord) <sup>3</sup> HT (High operating temperature)

NOTE: <sup>1</sup>Single voltage only, except if high power AT charger board is used. <sup>2</sup>Heads are supplied standard weather proof. <sup>3</sup>Available with LR heads with wedge and quartz lamp. <sup>4</sup>120V only and no LC allowed. <sup>5</sup>LC and TLP option not available.



# 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*	N/A	20, 35, 50W	N/A
TES	N/A	5, 9, 14, 30W	5, 9, 14, 30W
Sealed Beam LED (PAR36 only)	N/A	6W	6W

\*MR16 not available in SR head