

Utility Series

Cathodic Protection Rectifier



■ INTEGRATED
RECTIFIER TECHNOLOGIES INC.

The **IRT Utility Series** is designed and manufactured with high quality materials to provide reliability and longevity in protecting industry assets and our environment.

Due to its compact size, this series is best suited for small utility, gas distribution and service station applications.

FEATURES

- Type 3R enclosure; with powder coated 14 gauge mill galvanized steel construction; stainless steel hardware; single lockable door; wall, frame or flat post mounting
- Removable instrument panel construction
- Electrical hardware is brass or copper with electroless nickel plated finish
- Electrical connections are double-nutted
- Single phase AC input
- Magnetic trip AC input circuit breaker(s)
- Class H transformer with over capacity design



- Step-less variable transformer output adjustment
- AC secondary fusing with spare
- Silicon diode rectification bridge with surge protection
- Single 2½" analog DC output meter; switched for volts and amps (+/- 2% accuracy)
- AC and DC surge protection (higher energy protection optional and recommended for lightning prone areas)
- Operating ambient: -50° to +45°C (-58° to +113°F) operating
- NRTL electrical approval (Intertek/ETL)
- Limited optional features available (due to compact size)

Products to protect your assets and our environment!

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RECTIFIER TECHNOLOGIES INC.

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www.irtrectifier.com



Utility Series Model Coding and Enclosure Dimensions

UVASAS 40-8M

UTILITY VARIABLE
TRANSFORMER MODEL

AIR-COOLED TYPE

SILICON RECTIFIER TYPE

AC INPUT

A - 115 VAC

AC PHASE

S - SINGLE PHASE

DC VOLTAGE RATING

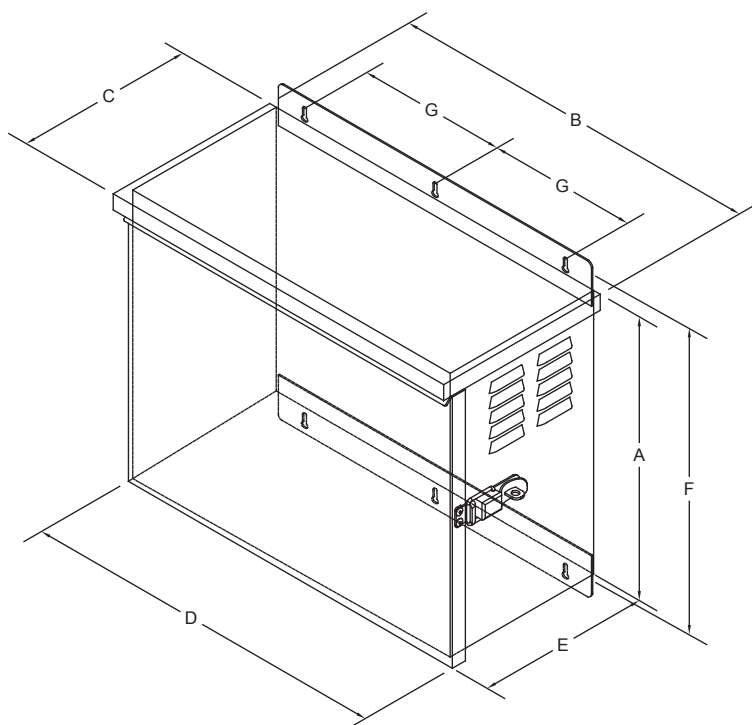
DC CURRENT RATING

COMMON OPTIONAL FEATURES

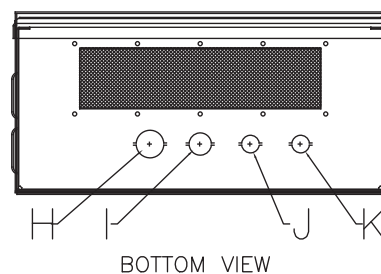
- D - UPGRADED DIODE VOLTAGE (PIV) RATING
- L - EXTRA DC OUTPUT LUG TERMINALS
- M - EXTRA DC OUTPUT METER
- O_x - SEALED METER SWITCH
- S - NON-STANDARD SURGE PROTECTION (AC or DC)
- Y - SPECIAL TEST, DOCUMENT OR LABEL REQUIREMENT
- Z - NON-LISTED OPTIONAL FEATURE (consult factory)

Option details available on our website: irtrectifier.com

U-2 SIZE ENCLOSURE SHOWN



NOTE:
ENCLOSURES ARE SUPPLIED WITH
(6) KEYHOLES SIZED FOR A MAXIMUM
#10 (0.215") MOUNTING BOLT (U-1 & U-2)
AND 1/2 (0.50") MOUNTING BOLT (U-3).



ENCL. SIZE	Enclosure Dimensions (")							Conduit Knockout Size			
	A	B	C	D	E	F	G	H	I	J	K
U-1	12.125	13.000	7.000	12.500	6.375	13.250	4.500	(1) 3/4KO (1.125")	N/A	(1) 1/2KO (0.875")	N/A
U-2	14.125	19.000	9.000	18.625	8.375	15.375	7.500	(1) 1KO (1.375")	(1) 3/4KO (1.125")	(1) 1/2KO (0.875")	(1) 1/2KO (0.875")
U-3	24.000	16.250	10.50	16.375	9.750	26.500	7.000	(1) 1/2KO (0.875")	N/A	(1) 1KO (1.375")	(1) 3/4KO (1.125")