

# Universal

RECTIFIERS, INC. 

### Air Cooled UT & SW Series Cathodic Protection Rectifiers:

**Pole mountable, air cooled cathodic protection rectifiers with swing out and removable case for superior accessibility for routine maintenance & inspection.**

The UT & SW Series air cooled cathodic protection rectifiers, are an alternative to Standard Line series air cooled cathodic protection rectifiers. The UT is the smallest model of the two series with a maximum of 400 watts, with all the same features as the larger SW series. Both Series rectifier features swing out and removable design case, which permits superior accessibility for routine maintenance and inspection. Limited to 1,600 watts of DC output, the simplified rectifier design reduces manufacturing costs and provides an economical rectifier suited for most cathodic protection applications.

CASE SIZE	Maximum DC Watts	Maximum Weight
UT	400	80 lbs
SW1	800	110 lbs
SW2	1200	150 lbs
SW3	1600	200 lbs



Type "UT" Series



Types "SW" Series

### UT & SW Features

- Weatherproof to NEMA 3R Heavy duty
  - 11-gauge hot dip galvanized cabinet with Stainless Steel Hardware
  - Stainless Steel, perforated screens
  - Components mounted on galvanized plate for easy removal
  - Heavy duty, draw-pull, stainless steel cabinet latch
  - Heavy duty transformer with 15% over-design for reserve capacity
  - Minimum 18-step voltage control taps
  - 3/16" Grade XX, Phenolic front panel
  - Accessible front panel Total precision shunt
  - Magnetic AC Input circuit breaker
  - Magnetic AC Secondary Breakers (instead of fuses)
  - Hoyt, separate analog, 2-1/2" round, volt and amp meters
  - Silicon diodes protected by surge suppressors & current limiting breakers
  - All electrical connection hardware is Nickel Plated & double-nutted or soldered
  - Multi-strand, high temperature, insulated flexible wiring
  - Terminal block for AC input wires
  - Safety shield panel supplied on all units over 65 Volts DC
- OPTIONAL FEATURES:
- A variety of AC voltage inputs single phase only
  - AC and/or DC High Energy lightning protection
  - Efficiency filter chokes
  - Communication filters
  - Meter switches
  - Power-on indicator light
  - DC circuit breakers
  - 115 VAC convenience outlet
  - Powder coated cabinet finishes (White or Gray -Standard)
  - Additional voltage control adjustments

CASE SIZE	Dimensions (Inches)						
	A	B	C	D	E	F	G
UT	8.75	12	19	17	11	16	20
SW1	12	15	22	18.5	12	20	25
SW2	14	17	25	22	14.5	22	28
SW3	14	20	28	25.5	14.5	25	31

Source: <http://www.universalrectifiers.com/Air%20Cooled%20UT-SW%20Series.html> Retrieved 8/28/2017