



# KINTRONIC LABS

an ISO 9001 registered company

## Robust ELF, VLF, LF and AM/MW Weatherproof Air Cooled Dummy Loads

### Model DL-1/5/10/20 WP Dummy Load Series

- Convection cooling; no AC Power required
- Configured for wall mounting on exterior wall of transmitter building
- High reliability, low maintenance design
- EIA flange or cable clamp input connector options
- Optional input current meters are available



TYPICAL AM/MW WEATHERPROOF AIR COOLED DUMMY LOAD



### Model DL-25/50 WP Dummy Load Series

- Enclosure design for horizontal airflow
- Optional backdraft dumpers or motorized louvers at intake and exhaust ports
- Input EIA flange in accordance with output power
- Cabinet includes a painted aluminum support stand to facilitate installation on a concrete pad
- Keylocked, hinged and interlocked access doors for service and maintenance
- Includes toroidally sampled input current meter with remote output for indirect input power measurement
- Local and remote operational control system in NEMA enclosure with transmitter interface features
- Optional solar shield is available

### Model DL-100/200/300 WP Dummy Load Series

- Configured as walk-in painted aluminum shelter to resist rust and corrosion and to permit ease of maintenance
- Input EIA flange in accordance with input power
- Separate access to resistor bank compartment and blower fans via interlocked, keylocked, hinged personnel doors
- Local and remote operational control system in NEMA enclosure with transmitter interface features located in intake access compartment
- Includes toroidally sampled input current meter with remote output for indirect input power measurement
- Optional solar shield is available



### Model DL-400WP-618EIA Dummy Load

- Motorized louvers at intake and exhaust ports
- Input current meter with remote output
- Air interlock for each blower fan
- Resistor stack thermal overload sensor
- Current overload fuses on each fan motor
- OPTIONAL: intake air filters, which reduce power rating to 400 kW + 100% mod continuous



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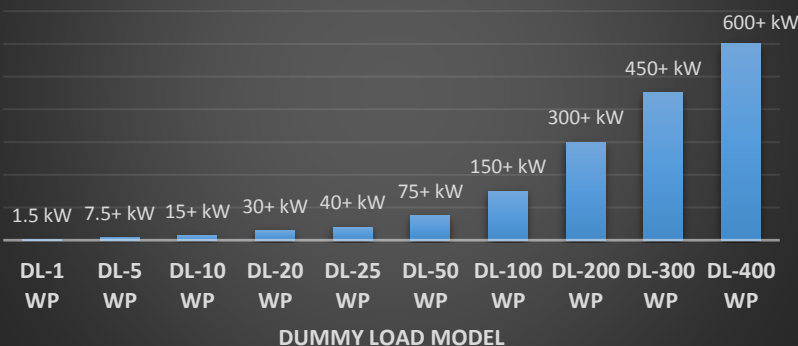
## MAXIMUM CONTINUOUS POWER RATING

(kW)

### SPECIFICATIONS APPLICABLE TO ALL MODELS

- Frequency: 530 - 1705 kHz
- VSWR: 1.05 : 1 MAX
- Ambient Temperature: -40 to +50° Centigrade
- Paint finish: Off-white

## Robust ELF, VLF, LF and AM/MW Weatherproof Air Cooled Dummy Loads



### Special Features

- Completely self-contained for quick installation
- Suitable for operation in climatic conditions anywhere in the world
- Optional features available for operation in highly corrosive environments
- Each inductor dummy load utilizes a network of highly reliable inductorless wirewound resistors

Model	Input Connection Options	AC Input Power	Net Weight (lbs)	Dimensions (In.)	
DL-1WP	1/2" cable clamp or Type N-Female	None	35	17"W x 13 1/2"D x 23 1/2" H	
DL-5WP	7/8" EIA cable clamp 7/8" EIA flange		350	38"W x 38"D x 65"H	
DL-10WP	1 5/8" EIA flange, 7/8" cable clamp, 7/16" DIN Connector		475	44"W x 44"D x 72"H	
DL-20WP	1 5/8" EIA flange 1 5/8" cable clamp		600	44"W x 44"D x 78"H	
DL-25WP	1 5/8" EIA flange		900	114"W x 40"D x 72"H, including stand	
DL-50WP	3 1/8" EIA flange		1050	114"W x 44"D x 76" H, including stand	
DL-100WP	3 1/8" EIA flange 4 1/16" EIA flange		220/380/440 VAC 50-60 HZ, 3 Phase	1800	8'L x 7.5'H x 5'W
DL-200WP	4 1/16" EIA flange 6 1/8" EIA flange			2350	9'L x 7'H x 7'W
DL-300WP	6 1/8" EIA flange			2600	10'L x 8'H x 8'W
DL-400WP	6-1/8" EIA		200-460 VAC, 50-60 HZ, 3 Phase + 200-240 VAC, 50/60 HZ, 1 Phase	2500	12'L x 8'H x 9'L