



## NOWASTE Green Electronic DC Load

### Energy and Money Saving Green DC Load

- Designed in India by DE for the Global Market
- A Unique DC Load that saves you money every time you use
- DC energy loss from Burn-In or test Load recycled back to line power
- Ideal for Battery Load Tests and Burn-in during production tests
- Energy feed in process as per Utility Regulations
- Custom Built Models with kW Loads
- Patent Pending

NOWASTE is an electronic DC-Load. Unlike the conventional electronic loads this product offers a unique load that saves 95% loss of energy by recycling the DC Load energy by feeding it into a commercial line supply as a pure sinusoidal AC energy meeting utility regulations.

Today several megawatts DC energy from Burn-in tests and Battery capacity tests is lost as heat and radiated into the environment. DE's NOWASTE DC Loads helps one recover this waste of electrical energy. This reduces the cost of expensive energy as well as the saves heat loss into the environment. NOWASTE electronic load operates in constant current mode with facility to preset Voltage Level and Load Current. The actual values are indicated on digital displays.

To observe safety rules on the single phase unit, NOWASTE from DE is equipped with a processor controlled mains supervision device. This consists of two redundant modules controlling voltage, frequency and the impedance of the mains connection.

NOWASTE electronic load is a very compact, properly priced instrument that pays for itself over the period of usage. More you use, more you save money. It is ideal both, for the test bench and the production floor. Its specifications makes it well suited to test a variety of DC power sources. Nothing in the world market is currently available like NOWASTE Series DC electronic load from DE India.

#### ELECTRICAL SPECIFICATIONS

<b>DC Input</b>	
Input voltage Range	3V to 27V
Max Load	250W
Idling-consumption	> 5%
Higher Power	Up to 1.5kW (on request)
DC-in to AC-out at full load Efficiency:	95%
Indications	LED Display for DC load voltage and current
<b>Operating Mode:</b>	
Constant current	A constant
<b>Connection Conditions:</b>	
Feed Back of the DC energy into the AC-mains as Sine Wave AC power	
AC Line Voltage Acceptance Range	180 to 260V ac
Acceptable Line Frequency	48 Hz - 53Hz
Operating and Control:	Extensive supervision functions
<b>Safety and Compliance</b>	
Safety: Input-Output-Case isolated	Safety standard conform to EN 60950
Input immunity	conform to EN 50082-1
Input EMI filter	conform to EN 50082-1
Size (W x H x D) and Weight in kg	210 x 86 x 200 /4 kg

#### Dual Channel NOWASTE DC LOAD OPTION

*NOWASTE Electronic DC Load is also available with two galvanically isolated channels each with 125W capacity*



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