



Performance

Fast acting and highly accurate protection circuitry along with a generously proportioned superbly efficient "Toroidal Power Transformer", allows the inverter/UPS to provide short-term power for starting motors or pumps. Our short-term ratings are unparalleled anywhere in the country.

Benefits of Toroidal Transformers over EI (Laminated) Transformers in Inverters

Toroidal Transformer



- Used worldwide (US, Europe, Japan, Australia etc.)
Used only in `URVI Digisine Inverter / Home UPS` in India
- Costlier due to high quality material
- Efficiency >95%
- No load loss <10W
- Self Consumption / day 0.24 unit ($< \text{Rs.}1$)
- Low power consumption on charging
- Improved backup
- Improved battery life
- Longer inverter / UPS life

EI (Laminated) Transformer



- Not recommended as per international standards for Inverters
- Used in all branded & local made inverters in India
- Cheaper due to low quality material
- Efficiency @80%
- No load loss >30W
- Self Consumption /day 0.75 - 1 unit (@Rs. 3 to Rs.4)
- Higher power consumption on charging
- Less backup
- Reduced battery life
- Reduced inverter / UPS life

Smart Thermal Control Technology

Reliability is critical to your power needs, so we have developed totally a smart technique for our power circuitry that ensures no internal component will ever get too hot. The result is an inverter/UPS you can rely on day in day out, with the peace of mind. To help get you going if there is a problem, we have strategically placed service agents along the region.



Serving Nation Through Energy Saving

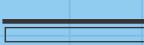


THE TOROIDAL POWER



- Features**
- ✚ True Sinewave Output- just like home
 - ✚ With most efficient toroidal transformer
 - ✚ THD <3%
 - ✚ Takes maximum peak load for few seconds
 - ✚ Suitable for inductive load like fans, coolers, motors, etc where we require very high starting power
 - ✚ Safe for all your costly and precious appliances as Computer, TV, DVD, CD player
 - ✚ Fully isolated output for safety
 - ✚ Overload, short circuit, phase reverse, reverse battery protected
 - ✚ Advance charging technology gives improved battery performance
 - ✚ LED alarm display
 - ✚ True ratings
 - ✚ Simple elegant look
 - ✚ Designed for longer life



Model	Fans	TV	Tubelights
UDSPS 600	 3	 1	 3
UDSPS 800	4	1	4
UDSPS 1500	7	1	7