

# T-Former **Modular, high - efficiency Power Supply /UPS**

- ❑ Output power 1800 VA
- ❑ Dual-Port: 25A (15A max each port) - replacing 2 Ferro P.S
- ❑ Based on proprietary AC/AC technology
- ❑ Modular design - additional (optional) inverter UPS.
- ❑ Lower Capital Cost - per unit compared to traditional Ferro-resonant devices.
- ❑ Lower Operating Costs- savings of at least 5% energy compared to standard systems.

T-Former is an high- efficiency, non-standby power supply, specifically developed for the advanced operation of line amplifiers in CATV distribution systems. With around double the lifetime of legacy Ferro-resonant products, delivering energy savings of at least 5% energy compared to standard systems, Its modular design enables optional upgrade of the T-Former to UPS by adding compatible ONLINE DC-AC inverter . That helps operators reduce network expenditure at capital as well as operational levels.

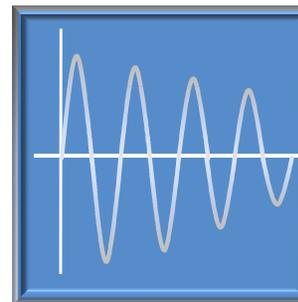
**Dual -Port INDOOR**



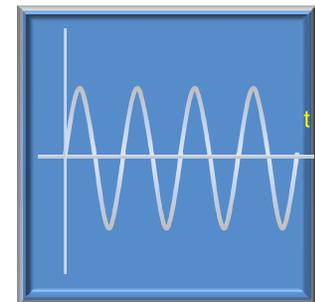
**T-former** - stabilized sine wave technology.

- ✓ **Longer Life** - unique technology enables almost unlimited lifetime.
- ✓ **No Noise, No Vibration** - no environmental disruptions when installed nearby building.
- ✓ **Slow Start** - prevents fall of current breaker after power-out or during ignition
- ✓ **Automatic Electronic Fuses** - prevents failure in the event of overload or short circuit.
- ✓ **Lightening Protected** - power supply fully protected against lightning.
- ✓ **Individual Overload Protection** - each output has 15A fuse + short circuit protected.
- ✓ **Closed Cabinet Installed** – with special bracket for hanged or shelf-lain mounting.
- ✓ **Online 15A inverter compatible** – Easy and low cost conversion option to UPS.

Vin 100-140 Vac 50,60Hz



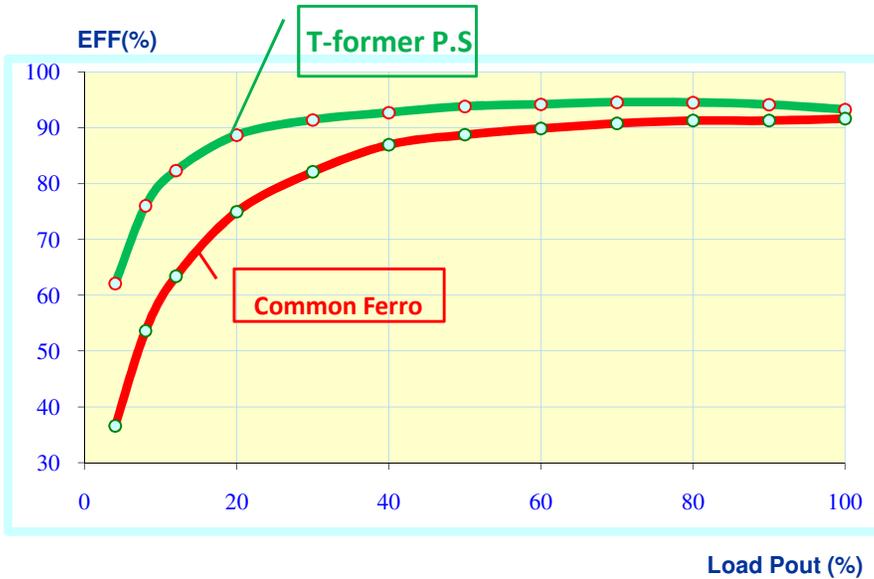
Vout 86V +/- 3V  
Vout 63V +/- 3V



Thanks to its patent-pending **stabilized sine wave technology**, the T-Former's advanced controller automatically monitors and compensates for any changes in line voltage eliminating negative the side effect of Inrush current, resulting from utility power recovery.

The T-Former operates in complete silence - solving noise and vibration problems inherent in existing products. This is increasingly important in highly populated areas where power supply devices are often mounted nearby the buildings.

T-Former is designed to work at a wide range of temperatures and humidity at full power capacity without any maintenance and has more than double lifetime then Ferro PS.



Dual Port OUTDOOR

**T-former** - stabilized sine wave technology.

Model	T-Former 6090US
<b>Electrical</b>	
Input Voltage Taps (Vac)	120, 230 ±15%
Input Frequency (Hz)	50/60
Input Current (A)	< 16
Input inrush current	< 5In single pulse of 5ms
Input Power Factor	> 0.95 at full load
Output Voltage Taps (Vac)	60, 66, 72,-25A (87V -21A/ 25A -op)
Total Output Current (A)	25A (15A max each port)
Short circuit time response (ms)	<10
Recovery safety time delay (sec)	> 3
Output Power (VA)	1800
Load Regulation (%)	< 2%
Output Protection Fuse	T15A
Efficiency (%)	95% at full load
<b>Mechanical</b>	
Dimensions ( L , W , H ) mm	375 x 220 x 215
Weight (Kg/lbs)	24 kg / 53 lb
Housing Finish	White zinc
<b>Environment</b>	
Operating Temperature	-20°C ÷ +60°C
Storage Temperature	-20°C ÷ +70°C
Humidity	0 ÷ 100% non condensing
<b>Standard Features</b>	
Power Mains Cable	√
Mains Transients Protection	√
Quick Connection Output Coax socket	√
Output Fuse	√
Output Voltage Test Points	√
Output Current Measurement Loop	√
Power Indication Green LED	√
<b>Optional Features</b>	
Output Screw Terminals	√
DC/AC inverter for UPS	√