

Mini T-FORMER P.S model 6090US/EP (Patent P.)

Economic Mini Power Supply 66V-4A / 87V 2.5A for low consumption need.

Save on Capital & Operational Costs.



T-former sine wave stabilizer technology.

MINI-T-Former is a highly efficient and highly cost-effective Non-standby power supply developed for low current consumption needs such deep fiber network. With around double the lifetime of legacy Ferro-resonant products, delivering energy savings of at least 5% energy compared to standard systems,

The AC constant-voltage T-Former helps operators reduce network expenditure at capital as well as operational levels.

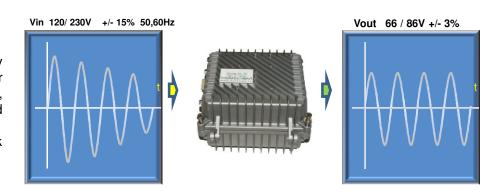
Easy conversion to UPS by compatible ONLINE DC-AC inverter (optional)

- ✓ Lower Capital Cost per unit compared to traditional Ferro-resonant devices.
- Lower Operating Costs savings of at least 5% energy compared to standard systems.
- ✓ 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 protected against lightning by a transient voltage.
- √ Individual Overload Protection each output has 5A fuse and is short circuit protected.
- √ Closed Cabinet Installed with special bracket for hanged or shelf-lain mounting.
- ✓ Online DC-AC inverter compatible-Easy and low cost conventional option to UPS

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

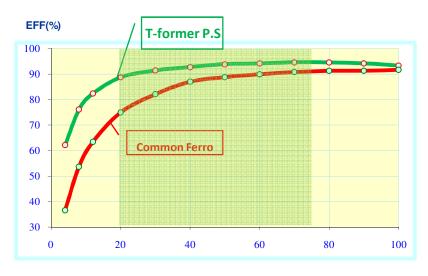
In addition, the T-Former operates in complete silence - solving noise and vibration problems inherent in existing products. This is increasingly important in highly populated areas where power supply devices are often mounted nearby the buildings.

T-Former is designed to work at a wide range of temperatures and humidity without maintenance, at full power capacity.





	Outdate Ferro-resonant P.S	Innovative T-former P.S	
Power efficiently	About 85%	>95%	
Noise	Extremely noisy	No noise	
Working life	Less than 7 years	Unlimited	
Voltage shape	Poor and not stable trapeze	ideal Sinus	
RF harmonic	High	Non	
Inrush Current	High	Non	
Fuse	Single use-Regular	Electronic fuses- unlimited use	



Model	T-Former 1-6604	T-Former 1-8703	T-Former 2-6604	
	Electrical			
Input Voltage Taps (Vac)	120±15%		230±15%	
Input Frequency (Hz)	50/60			
Input Current (A)	<2.3 <1.2			
Input inrush current	<5In single pulse of 5ms			
Input Power Factor	>0.95 at full load			
Output Voltage Taps (Vac)	66	87	66	
Output Current (A)	4	3	4	
Short circuit time response (ms)	<10			
Recovery time delay (sec)	>2			
Output Power (VA)	264			
Load Regulation (%)	<2%			
Output Protection Fuse	T4A	T3A	T4A	
Efficiency (%)	95% at full load			
	Mechanical			
Dimensions (L , W , H) mm	250 X 200 X 152			
Weight (Kg/lbs)	7.4/16.3			
Housing Finish		White zinc		
	Environment			
Operating Temperature	-20°C ÷ +60°C			
Storage Temperature	-20°C ÷ +70°C			
Humidity	umidity 0 ÷ 100% non condensing			
	Standard Features			
Power Mains Cable	√			
Mains Transients Protection	√			
Quick Connection Output Coax socket	√			
Output Fuse	\checkmark			
Power Indication Green LED	V			

Load Pout (%)