

CATV STABILIZED POWER SUPPLY 8A (500VA) INDOOR

Reaching highest Network Energy Performance // Excellent efficiency >96%.



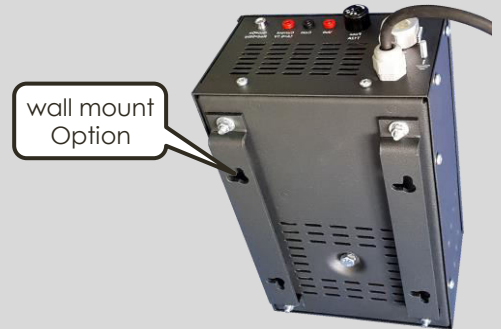
Zero Crossing stabilizer technology
US & EP Patent



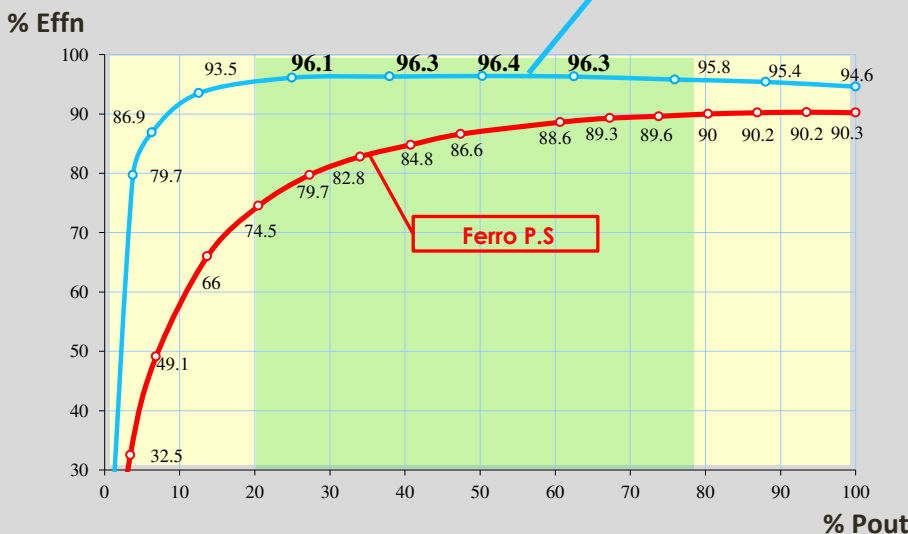
Safecom presents the latest technologies to reduce energy consumption in CATV Networks and attain Energy 2020 Targets. The new compact P.S model is a highest efficient and cost-effective CATV power supply developed for low & average current consumption needs such as Optical & Deep Fiber HFC networks.

Designed for lifetime operation and to deliver energy savings of between 5-15% energy compared to common Ferro P.S.

The AC constant-voltage Mini CATV P.S helps Cable TV operators reduce network expenditure at capital as well as operational levels.



SAFECOM P.S – Achieving the Highest Energy Performance



- ✓ Lower Operating Cost
- ✓ No Noise, No Vibration
- ✓ Slow Start
- ✓ Electronic Overload Protection
- ✓ shelf- lain or wall mount
- ✓ No RF noise
- ✓ Surge immunity / ANSI/SCTE81 2012
- ✓ Surge immunity / EN1000-4-5
- ✓ Testing Point Vout
- ✓ Testing Point Iout
- ✓ Optional SPD 140KA
- ✓ 3 years extended warranty



Compact 8A CATV Stabilized Power Supply Specification



Model	SC-MTFPS-500-90UI	SC-MTFPS-500-60EI
	Electrical	
Input Voltage range (Vac)	102Vac-132Vac	195-255Vac
Input Frequency (Hz)	50/60 Hz	
Input Current (A)	<4.3A(120V)	<2.2A (230Vac)
Input inrush current	<5In single pulse of 5ms	
Input Power Factor	>0.98 (range 10-100% load)	
Output Voltage Taps (Vac)	87Vac +/- 2%	63Vac +/- 2%
Output Current (A)	5.75A	8A
Short circuit time response (ms)	<10	
Recovery time delay (sec)	>2	
Output Power (VA)	500	
Load Regulation (%)	<1%	
Electronic Output Protection		
Efficiency (%)	>93% (load 10-25%)	
	>96% (load 25-75%)	
	>95% (load 75-90%)	
	>94% (load 90-100%)	
	Mechanical	
Dimensions (L , W , H) mm	275 x 162 x 135	
Weight (Kg/lbs)	8Kg /19L	
Housing Finish	Corrosion protected + Epoxy coating	
	Environment	
Operating Temperature	-20°C ÷ +60°C	
Storage Temperature	-20°C ÷ +70°C	
Humidity	0 ÷ 100% non condensing	
	Standard Features	
Power Mains Cable	√	
Mains Transients Protection	√	
Output Coax socket	√	
Power Indication Green /Red LED	√	

Surge immunity	
EN61000-4-5	2.0kV (1.2/50µs, 2Ω). L →N and L,N →PE √
ANSI\SCTE 81 2012	6KV 10/700µSec √