

## Power Booster (patent pending)



- ✓ Increasing the powering area covered by power supply.
- ✓ Minimize the number of power supplies.
- ✓ Enabling DPS backup for longer distance.
- ✓ Increase reliability.
- ✓ Save energy by minimize wastage energy on the coax cables
- ✓ Avoid low voltage effect at remote amplifiers or fiber nodes.

Increasing the distance between remote power sources leads to reduction in the number of power insertion points across the network, less power supply (especially under-loaded power supplies are unnecessary), less street cabinets and permits are needed and less flat fees to the utility company for each of the power supply (even if it was never used).

### Power Booster sine wave stabilizer technology.

Power Booster solves the power distribution problem in a CATV network caused by high-resistance and low energy-efficient coax cables. The unit ensures the optimal voltage levels required in remote locations by fiber nodes, trunk amplifiers, and line extenders overcoming voltage drop along the power or coaxial cable.



Model	Power Booster 90V	Power Booster 60V
<b>Electrical</b>		
Input Voltage range (Vac)	50 ÷ 90 Vac	40 ÷ 66 Vac
Input Frequency (Hz)	50/60 Hz	50/60 Hz
Input Current (A)	10A	15A
Output Voltage range (Vac)	78 ÷ 90 Vac	55 ÷ 66 Vac
Total Output Current (A) VS. input Voltage:		
Range (A)	7.8A	9.5 A
Range (B)	8.9A	12.5A
Range (C)	10A	15A
Voltage gain ratio ( input 80-90 Vac )	1:1	1:1
Voltage gain ratio (input 70-80 Vac)	1:1.15	1:1.15
Voltage gain ratio (input below 70Vac)	1:1.3	1:1.3
Output Power (VA)	900 Watt	900 Watt
Load Regulation (%)	<2%	<2%
Efficiency (%)	>95% at full load	>95% at full load
<b>Transfer time</b>	ONLINE	ONLINE
<b>Mechanical</b>		
Dimensions ( L , W , H ) mm	233 X 152 X 116	233 X 152 X 116
Weight (Kg/lbs)	11/24.2	10/22
Finish	Passivation	Passivation
<b>Environment</b>		
Operating Temperature	-40°C ÷ +60°C	-40°C ÷ +60°C
Storage Temperature	-40°C ÷ +70°C	-40°C ÷ +70°C
Humidity (water proof)	0 ÷ 100%	0 ÷ 100%
<b>Standard Features</b>		
Quick Connection Input/Output Coax socket	√	√
Internal Fuse	√	√
Power Indication Green LED	√	√