



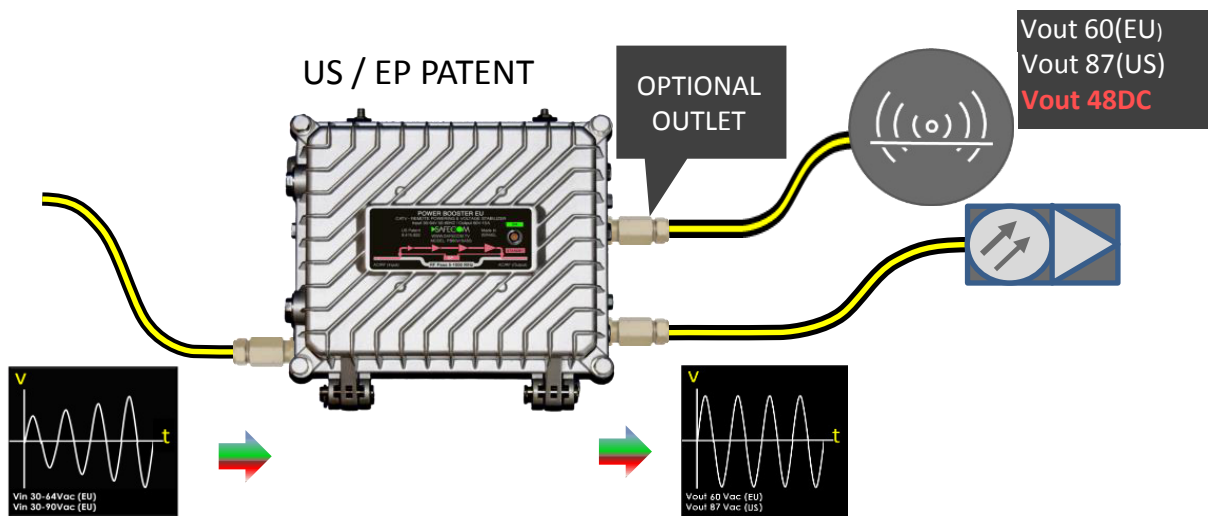
## POWER BOOSTER 9G

Model: PB60V15A9G

The patented power booster, a Passive & Standalone element solves the voltage drop problems in a CATV network caused by high-resistance and low energy efficient coax & electricity cables.

Utilizing breakthrough direct on-line zero crossing AC/AC stabilizing technology safecom's ensures an optimal voltage level to Optical Nodes & Line Amplifiers even if the source of power from a very long distance.

Increasing the distance between remote power sources leads to a reduction in the number of power insertion points across the network, less power supplies (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).



**Input range(EU): 38Vac – 65Vac**  
**Input range(US): 45Vac – 90Vac**

**Output range (EU): 63 Vac +/- 2V**  
**Output range (EU): 86 Vac +/- 4V**

- ❑ MINIMIZE THE NUMBER OF POWER SUPPLIES IN THE NETWORK.
- ❑ INCREASING THE POWERING AREA COVERED BY POWER SUPPLY

Model	PB60V15A9G	PB90V15A9G
Input Voltage	35-75Vac	35-95Vac
Input Voltage optimal range (Vac)	38-65Vac	45-90VAC
Output Voltage range (Vac)	63+/- 2V	86+/-4V
Max Output Current (A)	15A / Gain	15A/Gain
Max Input Current	15A	15A
Voltage gain ratio (9 Gears)	1 -1.71	1-1.86
Load Regulation (%)	<2%	<2%
Efficiency (%)	>96%	>96%
Transfer time	ONLINE	Online

Mechanical	
Dimensions ( L , W , H ) mm	250 X 200 X 152
Weight (Kg/lbs)	6/13.2
Finish	Passivation
Environment	
Operating Temperature	-40°C ÷ +60°C
Storage Temperature	-40°C ÷ +70°C
Humidity (water proof)	0 ÷ 100%



Standard Features	
Quick Connection In / Out Coax socket	✓
Electronic Overload protection	✓
Power Booster Adaptor Indication Green /Red LED	✓
RF	
Band width	5-1218Mhz
Through loss 1000 MHz	< 1.7 dB (+/- 0.5dB)
Return Loss	> 18 dB
RFI	>110 dB
Hum Modulation	> 65