



# POWERHOUSE DISTRIBUTIONS

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## Power Line Conditioner - 1kVA-75kVA

### FEATURES:

- High Efficiency
- High Power Factor
- High Reliability
- Low Harmonic Distortion
- Low Environmental Pollution
- Low Electro Magnetic Interference
- APS Range of Products Solve Over 95% of Your Power Problems
- Micro Processor Control
- Micro Size - Quarter the size / weight of traditional AVR.
- Modular Design - Circuit designed in PCB modules, easy for maintenance.
- High Efficiency -  $\eta \geq 98\%$  at Full Load.
- High Input Power Factor - Input Power Factor 0.95 ~ 1
- Extra Low No Load Power Consumption - No Load Power Consumption  $\leq 1.5\%$ .
- Automatic Electronic Bypass - Electronic Bypass, Automatic in Overload / Abnormal conditions
- Low Audible Noise - Audible noise 35 dB at 1 m
- Flexibility for Loads - Suitable for Pure Capacitive / Inductive Load



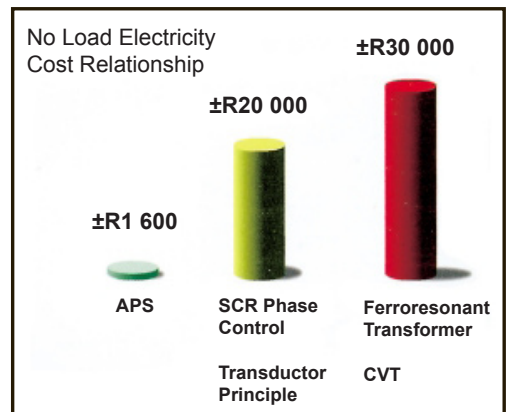
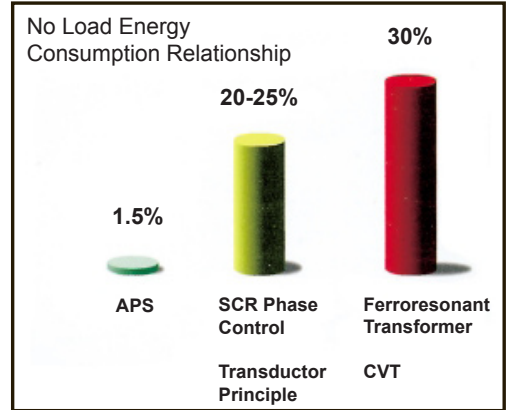
### APS Single Phase Models

Models	KVA	Output Regulation	Type	Current (A) (1 Phase)	Dimensions (H x W x D) (mm)	Weight (kg)
APS-1KB	1	±3% Typical	B	4.5	120 x 220 x 360	10
APS-2KB	2	±3% Typical	B	9.1	120 x 220 x 360	13
APS-3KB	3	±3% Typical	B	14.0	200 x 380 x 450	21.5
APS-5KB	5	±3% Typical	B	23.0	200 x 380 x 450	26
APS-7KB	7	±3% Typical	B	32.0	200 x 370 x 550	33
APS-10KB	10	±3% Typical	B	45.0	200 x 370 x 550	39
APS-15KB	15	±2% Max	B	68.0	200 x 370 x 550	45
APS-20KB	20	±2% Max	B	91.0	355 x 835 x 650	50
APS-30KB	30	±2% Max	B	137.0	355 x 835 x 650	55

### APS Three Phase Models

Models	KVA	Output Regulation	Type	Current (A) (per Phase)	Dimensions (H x W x D) (mm)	Weight (kg)
APS-10KZ	10	±3% Typical	Z	15	355 x 835 x 650	70
APS-15KZ	15	±3% Typical	Z	23	355 x 835 x 650	85
APS-22KZ	22	±3% Typical	Z	33	355 x 835 x 650	100
APS-30KZ	30	±3% Typical	Z	45	355 x 835 x 650	115
APS-45KZ	45	±2% Max	Z	68	355 x 835 x 650	130
APS-60KZ	60	±2% Max	Z	91	450 x 955 x 800	160
APS-75KZ	75	±2% Max	Z	114	450 x 955 x 800	185

**Note:** Higher ratings available on request



Calculation Based on typical South African Electricity Cost, 10 hours per day