

Alphapower

The APS series line conditioner has a **high input voltage window** with **high overload capacity** and **very high efficiency**. Fitted **with high energy surge absorbers** and LC filters, with the option to add EMI filters and an isolation transformer, this line conditioner offers clean and **constant AC power output**. **System reliability, performance** and **automation** are increased with digital control and the modular design of the unit/s.

Some key features include:

- High input power factor
- High Efficiency
- High overload capacity
- Green energy
- EMI protection
- Low THD
- Fast response time
- Bypass, overload and over voltage protection
- Phase voltage regulation
- Wide input voltage range



Product Specifications

Model	APS-33100	APS-33120	APS-33150	APS-33180	APS-33240	APS-33300
Capacity	100kVA	120kVA	150kVA	180kVA	240kVA	300kVA
Phase	Three Phase					
AC Input	Voltage	208V/120V, 480V/277V				
	Voltage Range	± 18%		± 18% (± 25% optional)		
	Frequency	47 – 63 Hz				
	Power Factor	0.95 – 1				
	Phase	Three phase				
AC Output	Voltage	208V/120V, 480V/277V				
	Frequency	Same as input				
	Power Factor	± 0.7 – 1				
	Efficiency	≥ 98% @ full load (No load energy power consumption ≤ 2%)				
	Regulation	Line	± 1% – ± 2%			
		Load	± 1% – ± 2%			
	Harmonic Distortion	≤ 1% (additional waveform distortion)				
	Response Time	≤ 4ms/step				
	Overload Capacity	200% for 10sec, 500% for 50ms				
	Display & Protection	LCD	Displays electrical parameters, start of control and event history			
LED		Displays RST load current				
Over Range		Auto power off (optional) & LED indicator				
Overload		150% for 15sec, 130% for 30sec, 110% for 300sec				
Over/under Voltage		Alarm (optional) and Auto power off (optional)				
Auto Bypass		LED indicator and alarm				
Noise Suppressors		High energy surge absorber, LC filter, EMI filet (optional)				
R.S.T Phase Failure		Alarm (optional) and auto power off (optional)				

Connections		Terminal			Copper bus-bar		
Physical	Cooling	Fan cooling					
	Audible Noise	≤ 58dBA					
	Weight Kg (lbs.)	430 (948)	550 (1213)	630 (1389)	660 (1450)	700 (1543)	750 (1653)
	Dimensions	600 x 1200 x 1500 mm			800 x 1200 x 1700 mm		
	W x D x H	23.6" x 47.2" x 59"			31.5" x 47.2" x 67"		
	Ambient Operation	0 – 40°C (32 – 104°F)					
	Humidity	0 – 95% non-condensing					