

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-11002	APS-11005	APS-11007	APS-11010	APS-11015
Capacity	2kVA	5kVA	7.5kVA	10kVA	15kVA
AC Input	Phase		Single Phase		
	Voltage		115V / 120V		
	Voltage Range		± 18%	± 18% (± 25% optional)	
	Frequency		47 – 63 Hz		
	Power Factor		0.95 – 1		
AC Output	Phase		Single phase		
	Voltage		115C / 120V		
	Frequency		Same as input		
	Power Factor		± 0.7 – 1		
	Efficiency		≥ 98% @ full load No load energy power consumption ≤ 2%		
	Regulation	Line	± 1% – ± 4%	± 1% – ± 2%	
		Load	± 1% – ± 4%	± 1% – ± 2%	
	Harmonic Distortion		≤ 1% (additional waveform distortion)		
	Response Time		≤ 4ms/step		
	Overload Capacity		200% for 10sec, 500% for 50ms		
Display & Protection	Voltmeter		YES		
	Ammeter		-	YES	
	LED		Power abnormal, output voltage high/low, auto bypass supply		
	Over Range		LED indicator + auto power off	LED indicator	
	Overload		No fuse breaker	150% for 15sec, 130% for 30sec, 110% for 300sec	
	Over/under Voltage		Alarm & auto power off	Alarm (optional) and Auto power off (optional)	
	Auto Bypass		LED indicator and alarm		
Noise Suppressors		High energy surge absorber, LC filter, EMI file (optional)			
Physical	Connections		Socket or terminal	Terminal	
	Cooling		Natural cooling	Fan cooling	
	Audible Noise		≤ 45dBA	≤ 50dBA	
	Weight & Size		Please see table on following page		
	Ambient Operation		0 – 40°C (32 – 104°F)		
Humidity		0 – 95% non-condensing			

MODEL	110 → 110V System		220 → 220V System		110 ↔ 220V System	
	Weight Kg (lbs)	Dimensions (mm) (W x D x H)	Weight Kg (lbs)	Dimensions (mm) (W x D x H)	Weight Kg (lbs)	Dimensions (mm) (W x D x H)
APS-11002	11 (24)	120 x 370 x 230 4.8" x 14.6" x 9.1"	16 (35)	120 x 370 x 230 4.8" x 14.6" x 9.1"	-	-
APS-11005	19 (42)	170 x 420 x 335 6.7" x 16.6" x 13.2"	21 (46)	170 x 420 x 335 6.7" x 16.6" x 13.2"	72 (159)	300 x 560 x 660 11.8" x 22" x 26"
APS-11007	37 (82)	200 x 560 x 430 7.9" x 22" x 17"	35 (77)	200 x 560 x 430 7.9" x 22" x 17"	87 (192)	300 x 560 x 660 11.8" x 22" x 26"
APS-11010	39 (86)	200 x 560 x 430 7.9" x 22" x 17"	40 (88)	200 x 560 x 430 7.9" x 22" x 17"	113 (249)	300 x 560 x 660 11.8" x 22" x 26"
APS-11015	61 (134)	300 x 560 x 660 11.8" x 22" x 26"	45 (99)	200 x 560 x 430 7.9" x 22" x 17"	139 (306)	300 x 560 x 660 11.8" x 22" x 26"