

Fast One Complete AHF/SVG System



Key Features:

- Power Factor Correction to 0.99
- Inductive or Capacitive Correction
- Harmonic Filter to 50th THDi <5%
- Harmonic Targeting Feature
- 3 Input CT Sensing / Optional 3 Output CT Sensing
- Suitable for Imbalanced Loads
- Automatic Current Limiting
- 4" Integrated HMI (Internal)
- Optional 7" HMI For Cabinet



Specifications	Tolerance	
Rated Grid Voltage	+/-20%	400VAC
Operating Frequency	+/-5Hz	50Hz
Main Circuit		3P4W
Maximum Capacity	@ 50 Deg C	750 Amp /500kvar
Expansion		10 Modules/1500 Amp Per Transformer
Response Time	Single Module	<5ms
Single Module Efficiency		>97%
Circuit Topology		3 Level Structure
Display Interface	4" / 7"	Internal Touch Screen / Optional External
Operation		Manual or Automatic start
Communication		RS485 Modbus
Operating Temperature		-20 to 55 Deg C
Storage Temperature		-30 to 70 Deg C
Relative Humidity		95%, No condensation
Altitude		Below 1500 meters above sea level
Standards		AS3000, AS3100, AS3008, IEC, AS/NZS 61000.3.6., IEC61869-1/2

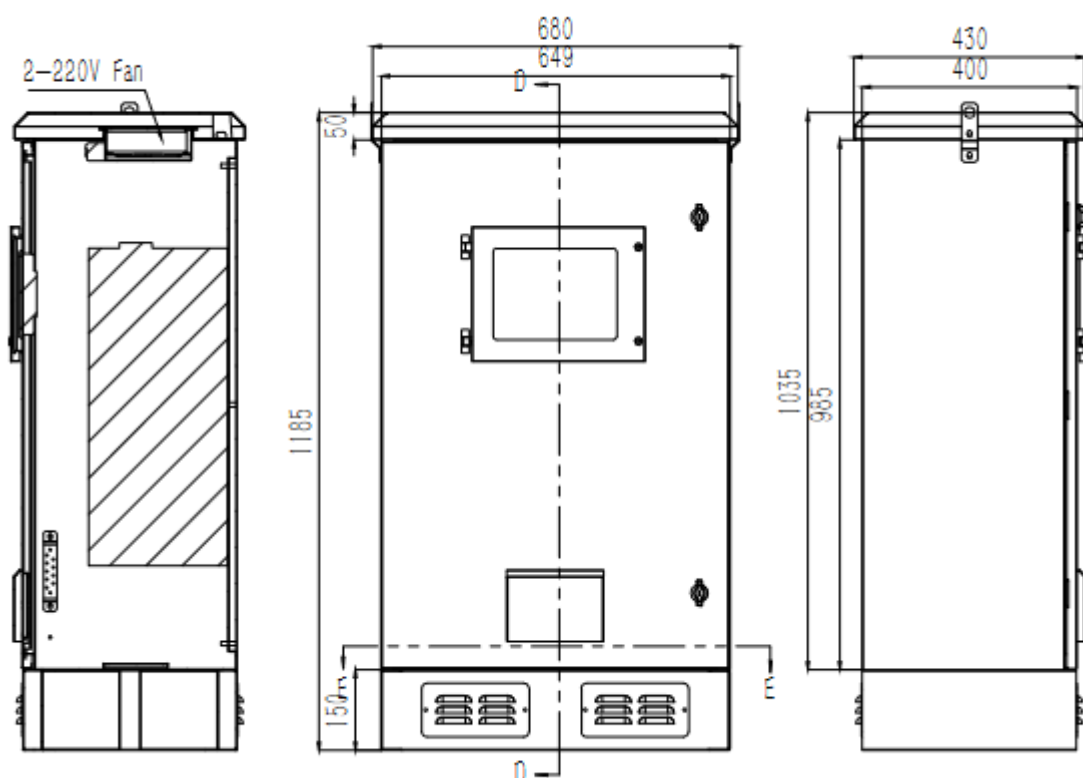
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Rating and selection of AHF

Ordering Codes	Nominal Output Capacity	Power Factor Correction @400VAC	Configuration
Fast ONE Complete AHF 50A-400V-4W	50 Amp	35kvar @ 400VAC	1 x 50A
Fast ONE Complete AHF 75A-400V-4W	75 Amp	50kvar @ 400VAC	1 x 75A
Fast ONE Complete AHF 100A-400V-4W	100 Amp	70kvar @ 400VAC	1 x 100A
Fast ONE AHF 200A-400V-4W	200 Amp	140kvar @ 400VAC	2 x 100A
Fast ONE AHF 300A-400V-4W	300 Amp	210kvar @ 400VAC	3 x 100A
Fast ONE AHF 400A-400V-4W	400 Amp	280kvar @ 400VAC	4 x 100A
Fast ONE AHF 500A-400V-4W	500 Amp	350kvar @ 400VAC	5 x 100A
Fast ONE AHF 600A-400V-4W	600 Amp	350kvar @ 400VAC	3 x 100, 2 x 150A
Fast ONE AHF 650A-400V-4W	650 Amp	350kvar @ 400VAC	2 x 100, 3 x 150A
Fast ONE AHF 700A-400V-4W	700 Amp	490kvar @ 400VAC	1 x 100, 4 x 150A
Fast ONE AHF 750A-400V-4W	750 Amp	525kvar @ 400VAC	5 x 150A

Installation Dimensions

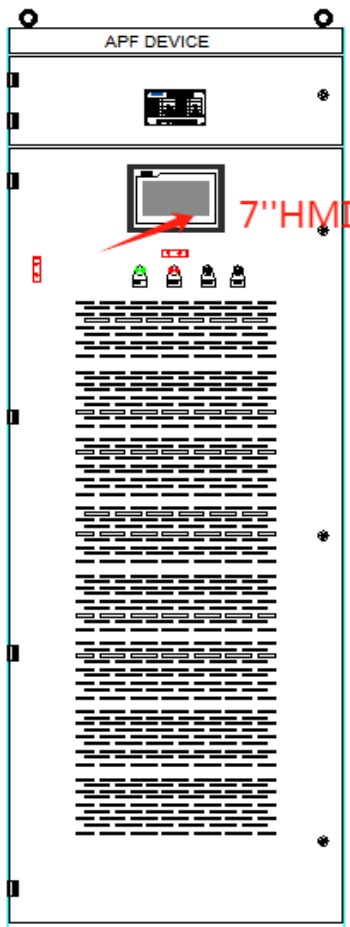
Single Module Cabinets up to 100 Amp :



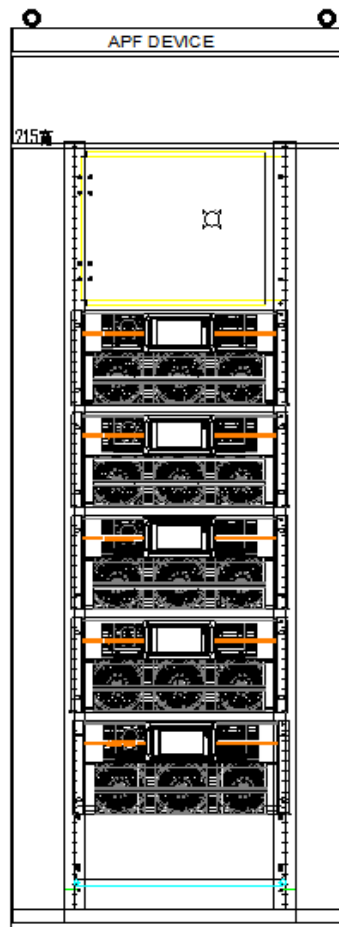
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Installation Dimensions

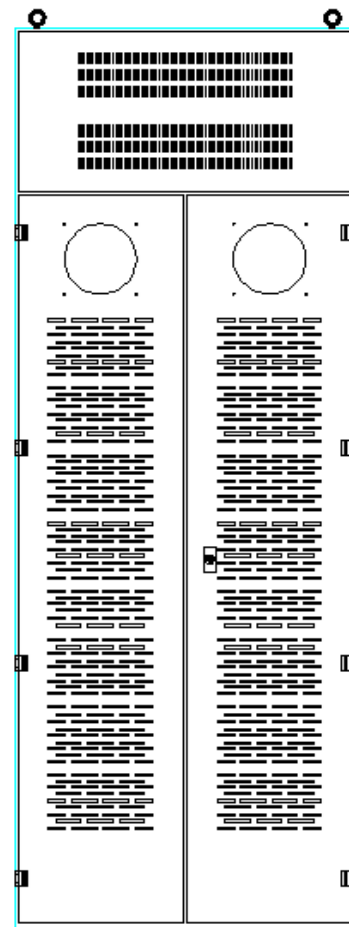
Tower Cabinet for up to 525kvar: L:950 x W:950 x H:2200mm



800*800*2200



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