INNOFLOW

Product overview

POWER QUALITY DEVICES

Active Harmonic Filter

IF-AHF-C



Rack and wall versions are shown. Dimensions and ratings apply only to the capacity and voltage variant identified in each figure or table.

TECHNICAL OVERVIEW
Selected product data and drawings. This document is not an installation manual.

Product views



View 1



View 2

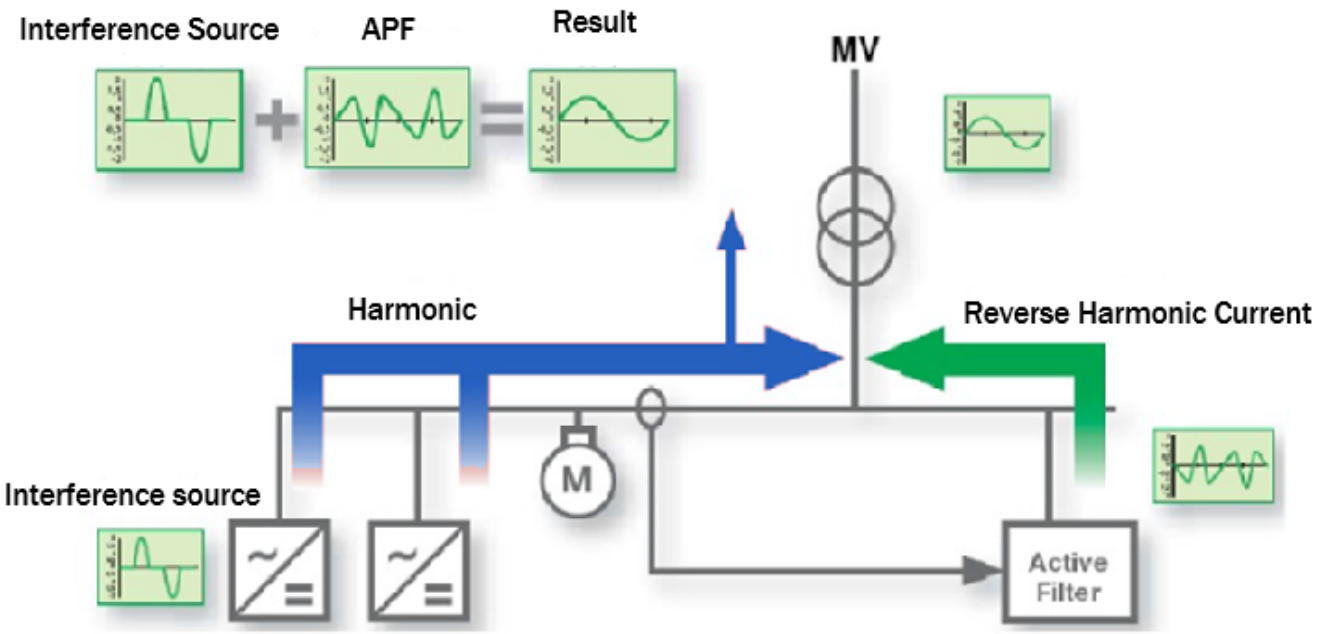


View 3



View 4

Technical reference



Series reference. Apply the capacity, mounting type and units shown in this figure.

Technical reference

Active Power Filter Rack Module



Active Power Filter Wall Mounted Module



Series reference. Apply the capacity, mounting type and units shown in this figure.

Rack dimensions: 15 / 25 / 35 A

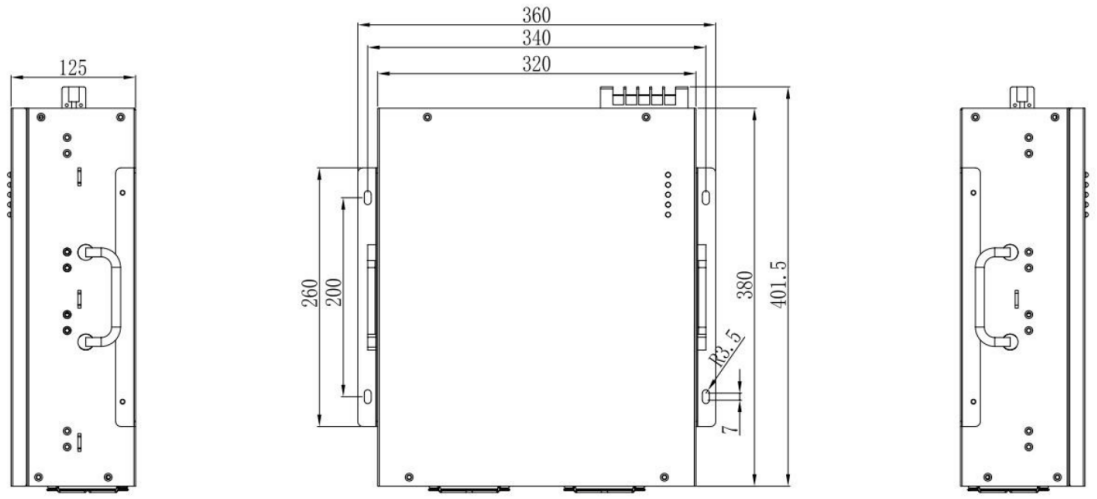


Figure 1 - 1 Overall Dimension Drawing (Unit: mm) of Rack Module(15A，25A)

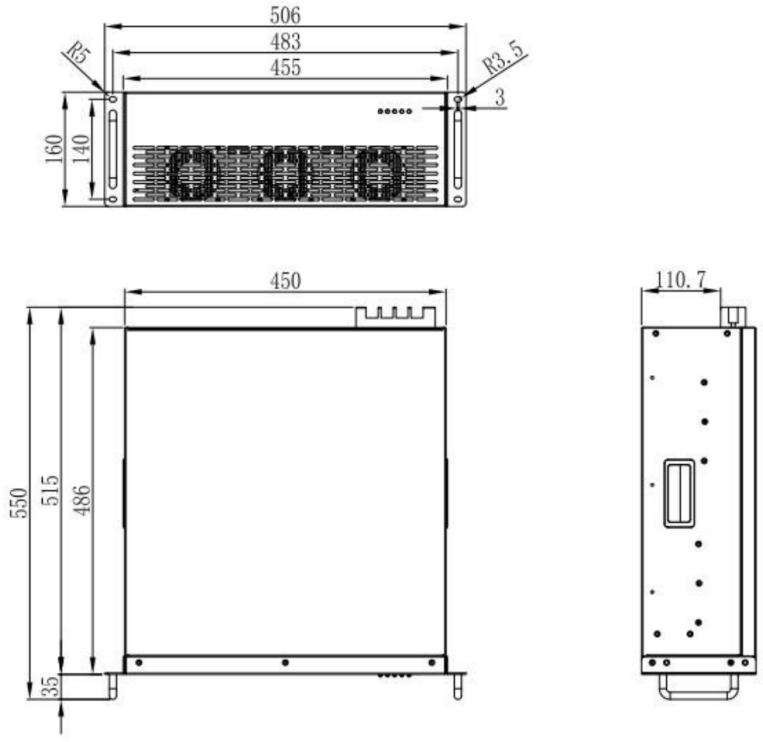


Figure 1 - 2 Overall Dimension Drawing (Unit: mm) of Rack Module(35A)

Values and units follow the identified source variant.

Rack dimensions: 50 / 75 A

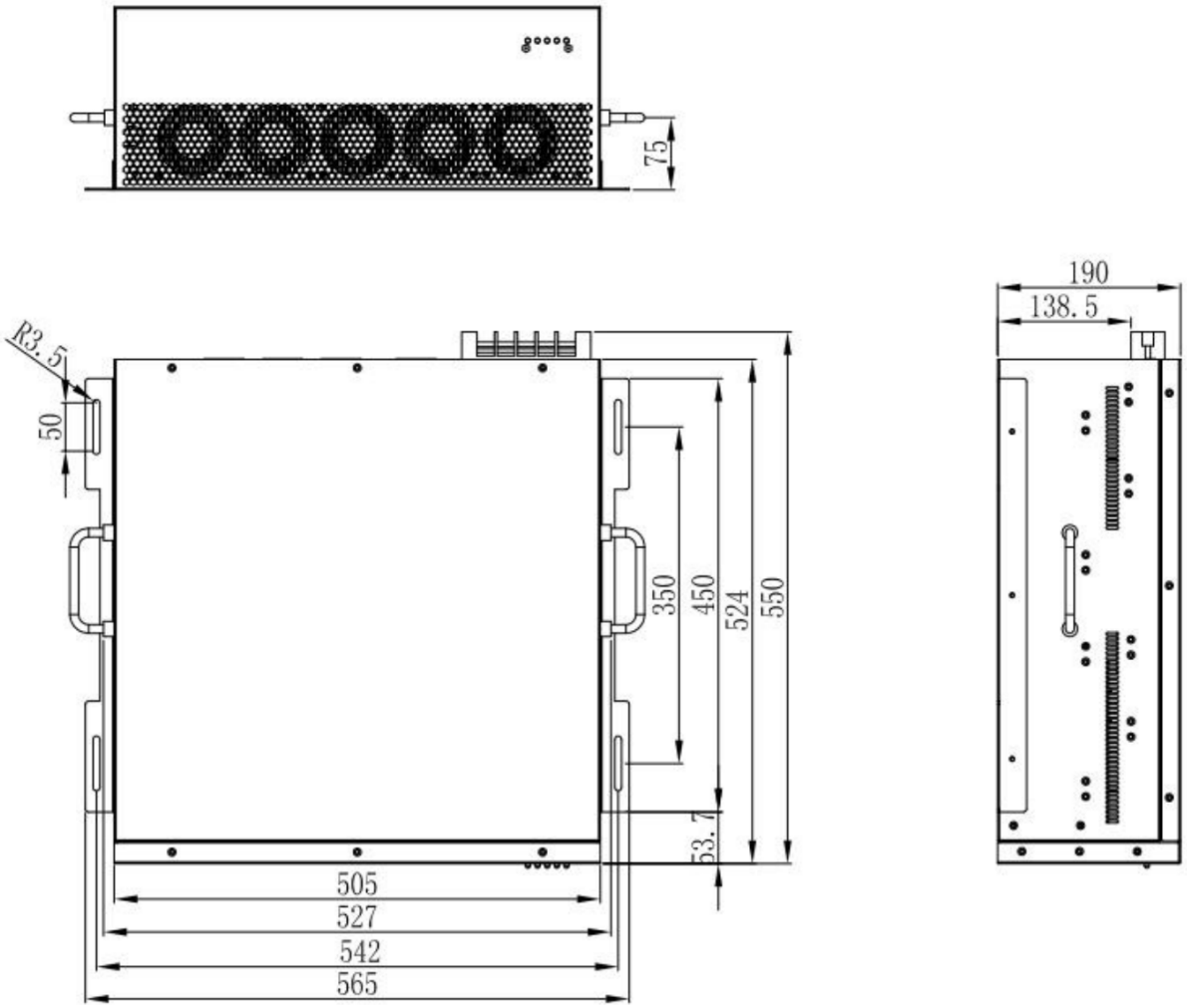


Figure 1 - 3 Overall Dimension Drawing (Unit: mm) of Rack Module(50A，75A)

Values and units follow the identified source variant.

Rack dimensions: 100 / 125 / 150 A

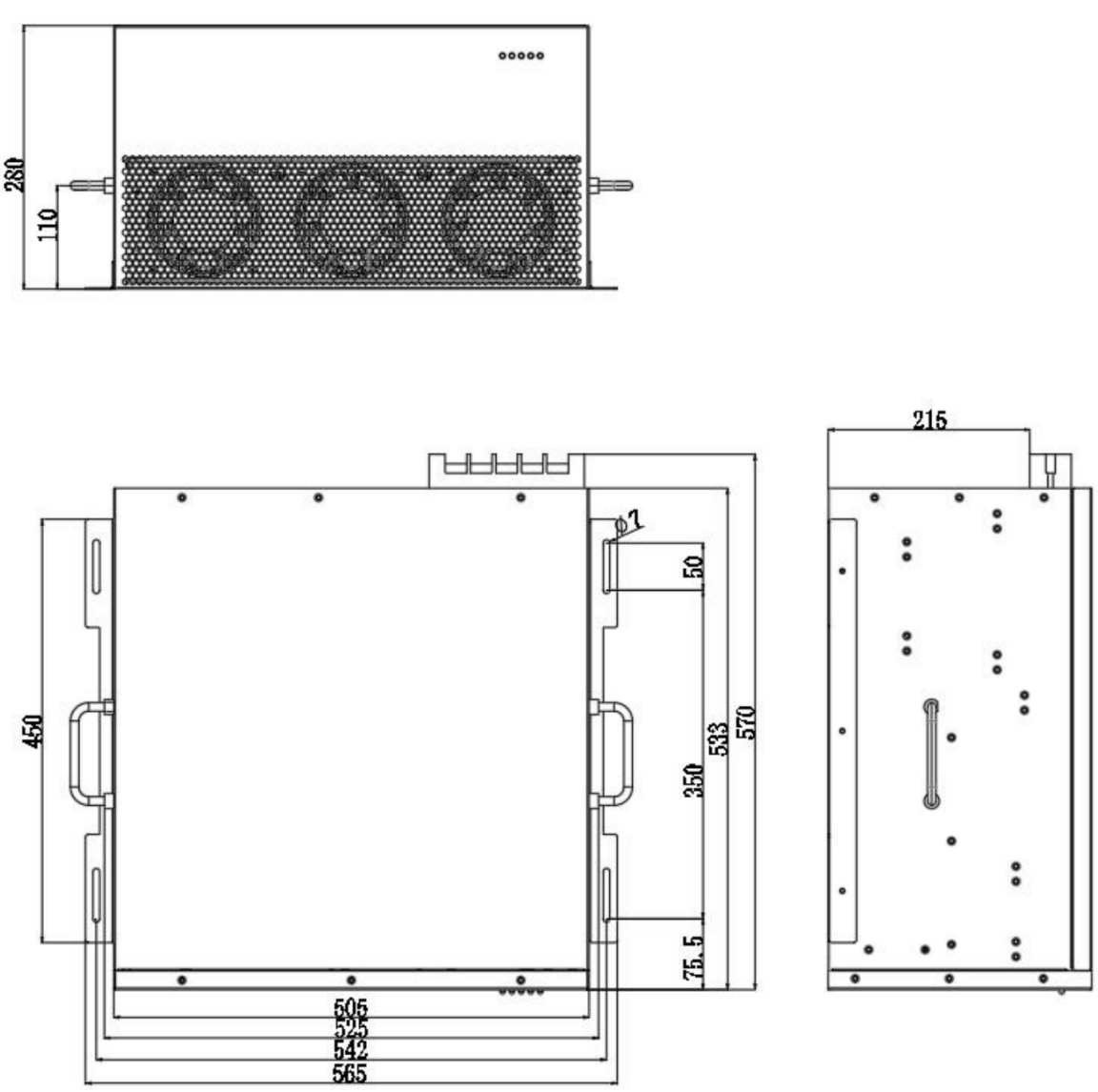


Figure 1 - 4 Overall Dimension Drawing (Unit: mm) of Rack Module(100A、125A、150A)

Values and units follow the identified source variant.

Electrical and mechanical data

1.3 Technical Data

Table 1-1 Technical Data

Rated capacity	15A	25A	35A	50A	75A	100A	125A	150A
Cooling mode	Air cooling							
Environment temperature	-20～55℃							
Parallel operation	When multiple devices are running in parallel, refer to Table 2-9 for the selection of transformer and 2.3.5 for the connection method.							
Current transformer	50:5～10000:5							
Power consumption	≤ 2.5% of rated capacity							
Requirements for air volume	≥80m³/h	≥120m³/h	≥200m³/h	≥200m³/h	≥350m³/h	≥500m³/h	≥800m³/h	≥800m³/h
Grid frequency	50Hz±5%							
Grid voltage	400V±20%							
Connection mode	3 phase +N+PE							
Protection grade	IP20(Standard)/IP30/IP40							
Overall Dimension (WxDxH)mm	320x400x125	320x400x125	450x486x160	505x550x190	505x550x190	505x570x280		
Weight	11kg	15kg	26kg	30kg	35kg	50kg	54kg	57kg

Values and units follow the identified source variant.

Wall dimensions: 15 / 25 A

Chapter VI Wall Mounted Module

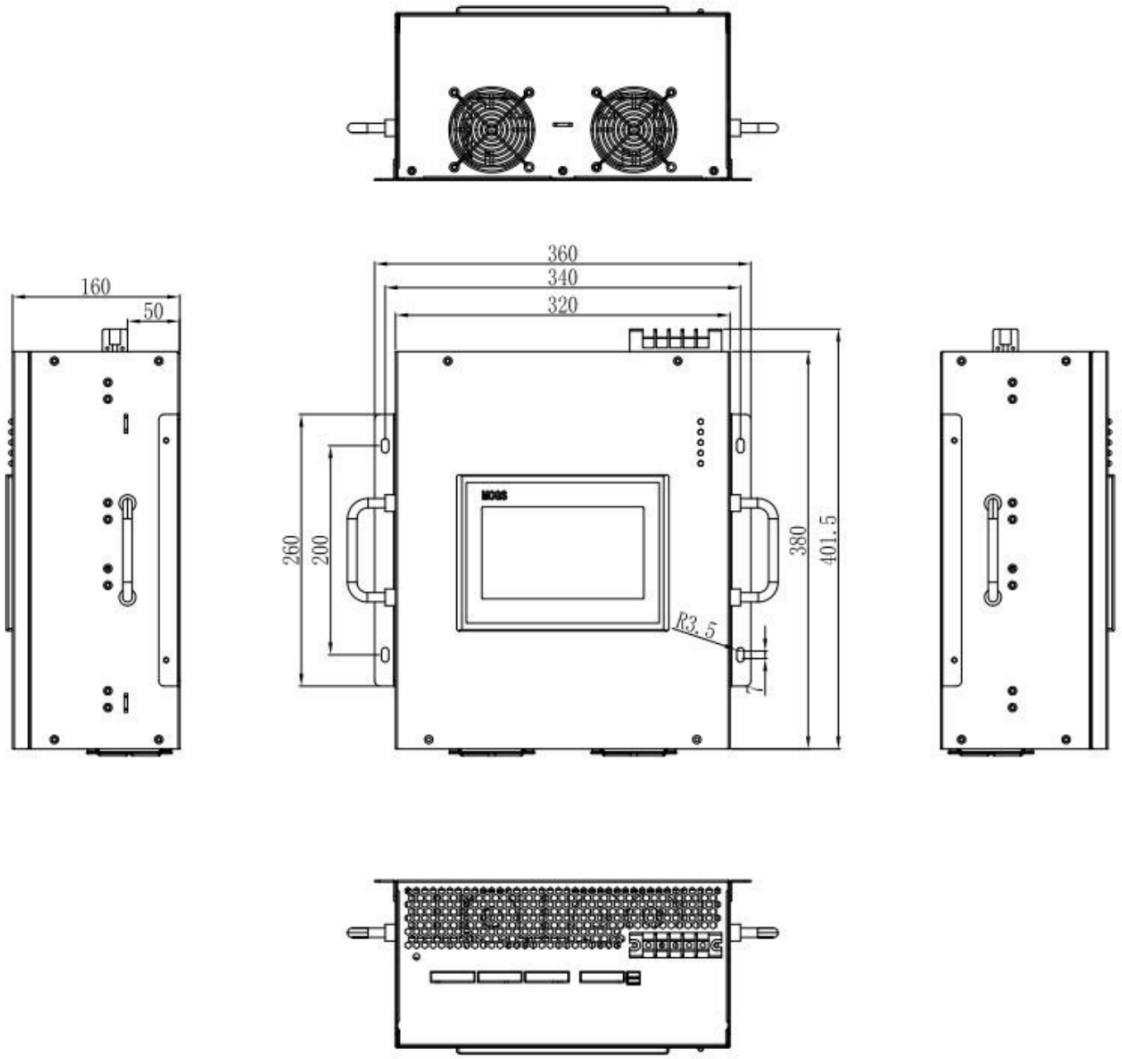


Figure 6-1 Overall Dimension Drawing (Unit: mm) of Wall mounted(15/25A)

Values and units follow the identified source variant.