

RTF600/600A

RTF1200AHV

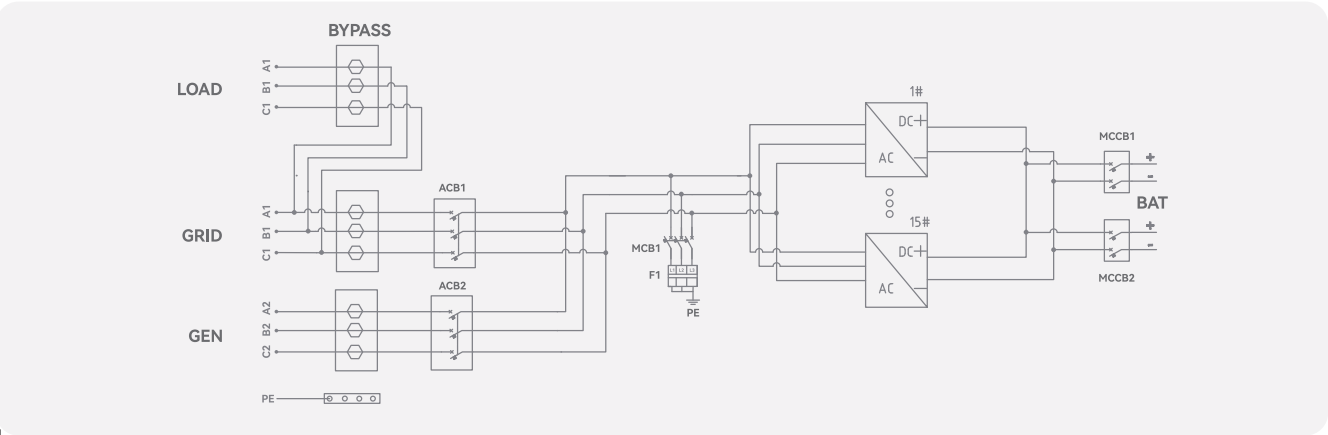
Modular rectifier cabinet, 600KW and 1200KW optional, can be combined with ATESS PCS to form a DC coupling solution, suitable for large industrial scenarios.

Features

- AC-DC converter only
- Flexible configuration
- Touchscreen LCD
- Paralleling multiple units



Block Diagram



	RTF600	RTF600A	RTF1200AHV
AC(on-grid)			
Rated power	600kW	600kW	1200kW
Rated voltage	400V	400V	400V
Rated current	866A	866A	1732A
Voltage range	360V-440V	360V-440V	360V-440V
Rated frequency	50±10%	50±10%	50±10%
PF	≥0.98	≥0.98	≥0.98
THDI	≤5%	≤5%	≤5%
Efficiency	≥95%	≥95%	≥95%
AC input port	1(grid or generator)	2(grid and generator)	2(grid and generator)

DC(output)			
Voltage range	200Vdc-950Vdc (full above 500V derate below 500V)	500Vdc-1000Vdc	900Vdc-1500Vdc
Max. output current	1200A	1000A	1333A
Output current ripple	≤1%	≤1%	≤1%
Voltage accuracy	≤0.5%	≤0.5%	≤0.5%
Current accuracy	≤1%	≤1%	≤1%

General Information			
Nosie emission	≤68Db(A)@1m	≤68Db(A)@1m	≤80Db(A)@1m
Operating temperature	-40 °C~+45 °C, full load; 45 °C~55 °C, half load	-25 °C~+55 °C (Derating above 45 °C)	-25 °C~+55 °C (Derating above 45 °C)
Storage temperature	-40 °C~85 °C	-40 °C~85 °C	-40 °C~85 °C
Relative humidity	0~95% non-condensing	0~95% non-condensing	0~95% non-condensing
Max. altitude	< 2000m	< 2000m	< 2000m
Cooling method	Forced-air	Forced-air	Intelligent air cooling
Dimension (W/H/D)	1204/1958/853mm	1204/1957/798mm	1902/1902.4/903mm
Weight	350kg	623kg	1299kg

Communication			
Display	Touch screen	Touch screen	Touch screen
Communication	RS485/CAN	RS485/CAN	RS485/CAN

Certificate			
CE			