

220v

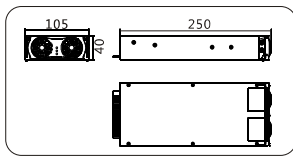
Nominal Input Voltage

48V

Nominal Output Voltage

800w

Maximum Output Power



Mechanical Drawing



RM848A 800W 48V DC Modular Rectifier

AC Input:

Nominal Voltage:	220V
Voltage Range:	90-300V(reduced power below 175V)
Maximum Input Current:	5.6A
Frequency Range:	45-65Hz
Power Factor:	>0.99
Efficiency:	>92%

Protection:

Input Voltage: Auto shutdown, auto restart when correct voltage restored

Input Inrush: <1.5 x maximum input current

DC Output:

Nominal Voltage:	48V
Voltage Range:	42-60V
Maximum Output Power:	800W
Regulation:	
Line:	±0.1%
Load:	±1.0%(no load to full load)
Hold-up Time:	>10ms for 20% output voltage drop
Start-up Time:	Start up delay 5 second.(varies with AC supply voltage), Walk-in delay 3 seconds at full output. (varies with DC output voltage)

Protection:

Current Limit: Adjustable to 50-100% of maximum rated current

Over Temperature: Automatic current turndown, backup shutdown protection

Polarity Reversal: Output fuse with crowbar diode

Over Voltage: Adjustable limit

Noise:(under nominal conditions)

Voice Band: <2mV rms psophometric

Wide Band: 3.4KHz-150KHz: <50mV rms unweighted
150KHz-30MHz: <20mV rms unweighted

Peak to Peak 0-20MHz: <200mV peak to peak

Load Share: ±5%

Isolation:

Input to Output: 3000V AC/10mA/1min

Input to Chassis: 1500V AC/10mA/1min(VDR to chassis removed)

Output to Chassis: 500V AC/10mA/1min

En ironmental:

Operating Temperature: -25 to +65°C
(maximum output power is derated above 55°C)

Storage Temperature: -45 to +70°C

Humidity: 5-95%RH(non-condensing)

Altitude: <2500m, De-rate maximum ambient temperature by 4°C per 1000m above sea level

Mechanical:

Dimensions, W, H, D: 105mm, 40mm, 250mm

Weight: <1.5kg