

# Rectifier Module

R33640G1

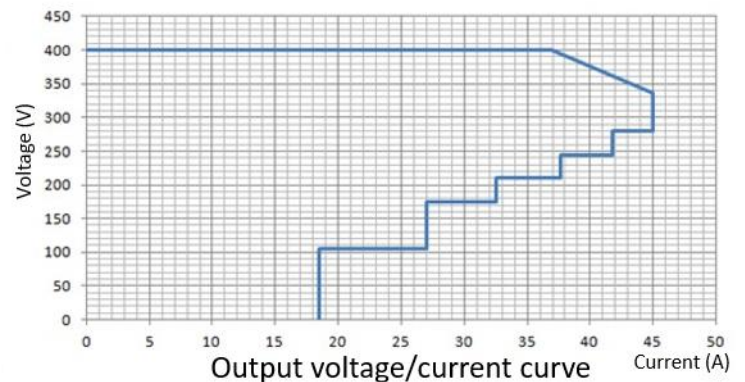
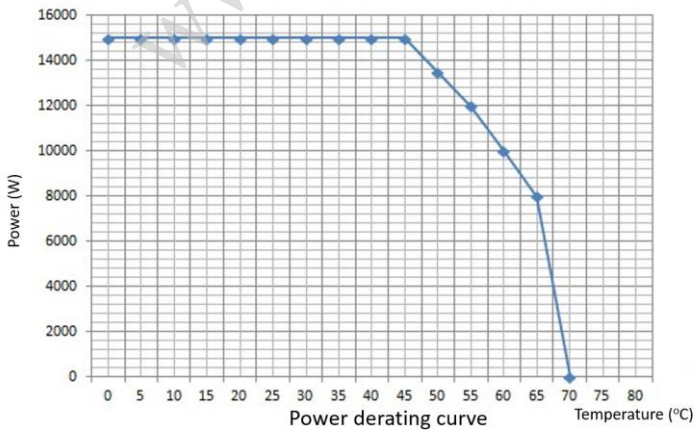


## Product Introduction

R33640G1 is a new 3 phases input, 15kW output digital AC rectifier. Input voltage range is 260Vac~530Vac and output voltage is 378Vdc nominal. The output can be adjusted through the control module. Features including soft start, input output protections, low noise and paralleable.

## Features

- Efficiency up to 97%
- Wide input range: 260Vac~530Vac
- THD  $\leq$  3%
- Supports hot swap
- Fully digital control
- Supports intelligent electric meters
- Controls through CAN bus
- Output voltage and current adjustment
- LED fault alarm



## Parameters

Product		R33640G1
Basic Information	Dimensions	83mm ( H ) ×206mm ( W ) ×470mm ( D )
	Weight	< 10kg
	Cooling	Fan cool (built in)
Input Features	Input voltage	260Vac ~ 530Vac
	Input format	380Vac , 3 phase 3 lines
	Input frequency	40Hz ~ 70Hz , Nominal:50Hz/60Hz
Output Features	Max. input current	≤ 32A
	PFC	≥ 0.99
	THD	≤ 3%
	Output voltage	300V DC ~ 400VDC , Nomial:378VDC
Environment	Output Power	15kW
	Storage temperature	-40°C ~ +75°C
	Humidity	5% ~ 95% ( no condensation )
	Altitude	≤ 4000m
Protections	Input OVP	OVP set point : > 530VAC , < 550VAC
	Input UVP	UVP set point : < 260VAC
	Output OVP	392VDC ~ 423.5 VDC ( set point can be set through control
	Output SCP	Short circuit protection and auto restart after short circuit removed
Reliability	OTP	Ambient temperature > 70°C
	MTBF	> 500,000 hours
	Noise	≤ 55dB ( 25°C , full load )
EMC/Lightning	EMC	EN55022 Class B EN55024 EN61000-3-2 EN61000-3-3 ETSIEN300 386 ETSIEN301489 ITU-T K.20
	Lightning	5kA