

**ELECTRICAL-ELECTRONICS**



# KEEPING THE ELECTRICITY IN **CHECK IN EVs**



**PERFORM@CHANGE**



# A HIGHLY STABLE REGULATOR RECTIFIER

Varroc's range of Regulator Rectifiers are tailor-made to suit a variety of vehicular requirements from 100cc to 500+ cc 2W and 3W. Responsible for providing DC power to all electrical and electronic loads in the vehicle, a regulator rectifier works closely with ACG/magneto and converts single-phase or three-phase AC to stable DC. Performing the dual function of rectifying the AC input and then regulating it, this component is also responsible for providing the DC voltage required to charge the battery and supply electrical loads.



**Wide Selection**



**Customizable Features**



**Long-Term Reliability**



## Features

### Series Type RR

DC Output - 7A to 22A

AC-DC Output - 2A + 2A up to 5.4A + 5.4A

### Shunt Type RR

DC Output - 22C - 30A

Battery-less operation supported

## Typical Application Conditions

- ✓ Supported Current Ranges: 2A to 30A
- ✓ Input Type: Single Phase/Three Phase
- ✓ Output Type: DC, AC-DC
- ✓ Charge Indicator for 3W Applications
- ✓ Operating Temperature: -20°C to 60°C
- ✓ Battery Drain Current: <100uA

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