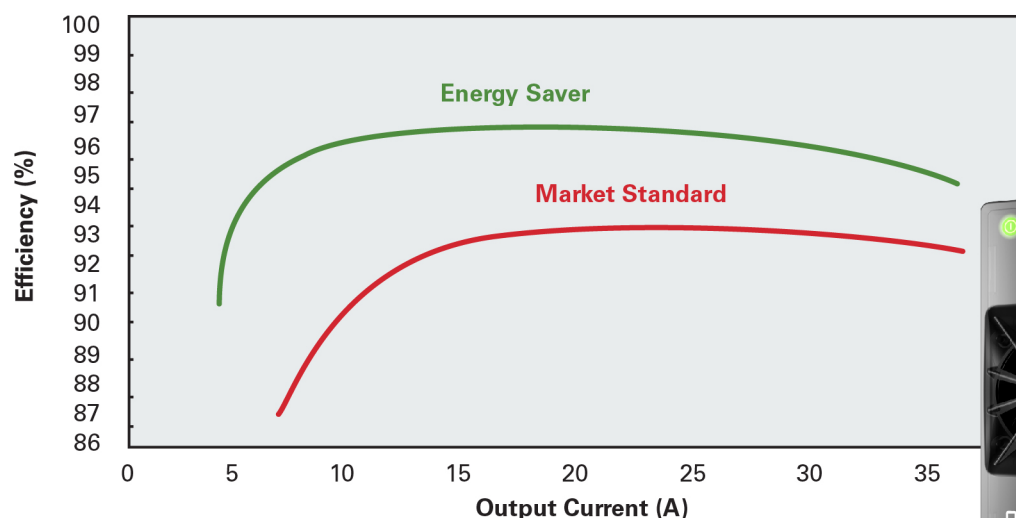


## EFFICIENCY – ENERGY SAVER RECTIFIER

- **Energy saving efficiency** of over 96% saves at least 50% waste energy in the DC conversion process versus other comparably sized rectifiers in today's market (at nominal 240Vac input).
- **Reduced heat dissipation** that is associated with the high energy-saving rectifier efficiency, can potentially save further OPEX through the reduced heat management requirements.
- **Peak energy efficiency** is ensured with both a high efficiency curve over a wide load range of typical operating conditions as well as with Eaton's "Load Based Rectifier Shutdown" (LBRS) which switches rectifiers off and on to maintain individual rectifier loads in the optimal range.
- **Significant OPEX and CO2 emissions savings** from reduced waste energy

### Efficiency Curve - Energy Saver Rectifier

Ambient Temperature 25° C    Input Voltage 240Vac



APR48-ES 2kW example



## More Efficient

# SMARTER ENERGY