

# aerl

## COOLMAX SR MAXIMIZER™

### MPPT SOLAR CHARGE CONTROLLER - Rack Mount

#### COOLMAX SR Features

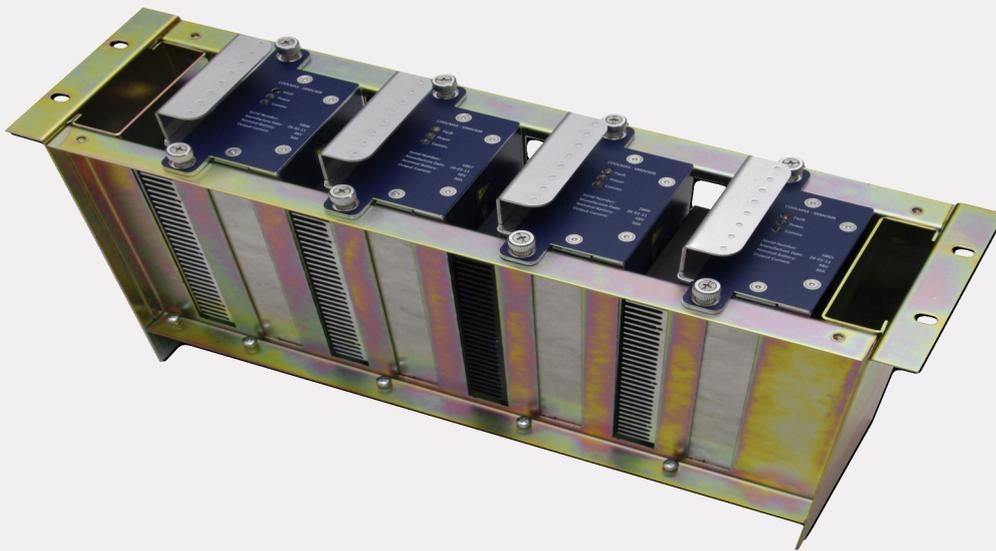
- 99% super high conversion efficiency
- High input voltage for lower install cost
- Smart multi-stage battery charging profile
- Passive cooling—no fans or moving parts
- Ultra low heat thermal design
- 19" RMD modular sub rack design
- Parallel as many MPPTs as required
- Master/slave back plane select
- On board data logging and alarms
- Remote monitoring capability
- CAN communications protocol
- Temperature compensation
- Easy installation and set up
- Australian designed and made
- CE and C-Tick Compliant
- Full Telecom Specification



Introducing AERL's COOLMAX SR MAXIMIZER™ Rack Mount MPPT Solar Charge Controller—the perfect solution for large PV installations, including telecommunications, railways and other commercial and industrial applications where service life and up-time are of paramount importance. Along with the same high quality performance and efficiency of other AERL MPPTs, the COOLMAX SR Rack Mount features include a RMD sub rack design, on-board data logging and alarms, passive cooling, stackable Master/Slave back plane configurability, module plug in connection and a comprehensive remote monitoring capability supporting a CAN communication protocol.

Founded in 1985 to pioneer the development and commercialization of the MAXIMIZER™, the world's first MPPT Solar Charge Controller enabling installers to harvest up to 30% more power from their panels compared to using a standard regulator. AERL has now supplied thousands of super efficient and highly reliable MAXIMIZER™ MPPTs to satisfied customers in Australia, Asia, Africa, North and South America and Europe.

**Renewable Energy Power Electronics Since 1985**



## PRODUCT SPECIFICATIONS

Model Number	SRMVR
Output Current Rating	30A
Nominal battery voltage	24 to 84V
Maximum input voltage	180V
Maximum power rating	2500W
Maximum ambient air temperature	-20° to 50+°C
Peak efficiency	99%
Weight	2kg
Dimensions (L x W x H)	310 x 121 x 103 mm

### Designed and Manufactured by:

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### Available From:

\* AERL reserves the right to change any AERL product specifications at any time without notice to improve product reliability, design or otherwise

**Designed and Manufactured in Australia**