

**COOLMAX SR MAXIMIZER Wall Mount
AERL**

AER07.001 – ver 4
1 June 2013

PRODUCT SPECIFICATIONS

CHARACTERISTIC	SRMVW	SRHVW
Nominal Battery Voltage - Selectable	24 to 84V	48 to 132V
Maximum Output Current	60A	45A
Maximum Recommended PV Array	5000W @ 84Vout (nom) 3800W @ 60Vout (nom) 3000W @ 48Vout (nom) 1500W @ 24Vout (nom)	5200W @ 132Vout (nom) 5000W @ 120Vout (nom) 4500W @ 96Vout (nom) 2300W @ 48Vout (nom)
Maximum PV Voltage Open Circuit	180V	290V
Power Conversion Efficiency	99+%	98.5+%
Battery Temperature Compensation	Yes	Yes
Operating Temperature Range	-20° to 50°+C	-20° to 50°+C
Remote Temperature Sensor	Included	Included
Storage Temperature	-30° to 70° C	-30° to 70° C
Self Consumption	100mA @ 20V	75mA @ 20V
Communication Protocol Options	CAN and Modbus RTU	CAN and Modbus RTU
Communication Ports	RS485 & USB	RS485 & USB
Required cabinet air exchange rate (intake at 40°C)	40 m ³ /hour	40 m ³ /hour
Operating temperature of heatsink at full rated power	35°C temperature rise	35°C temperature rise
Cable entry conduit diameter	40mm	40mm
High power wire size	16mm ² Max	16mm ² Max
Enclosure type	Indoor Type1	Indoor Type1
Weight	3.7kg	3.7kg
Outer dimensions (L x W x H)	356 x 133 x 104 mm	356 x 133 x 104 mm
Languages (other language updates to come)	English	English