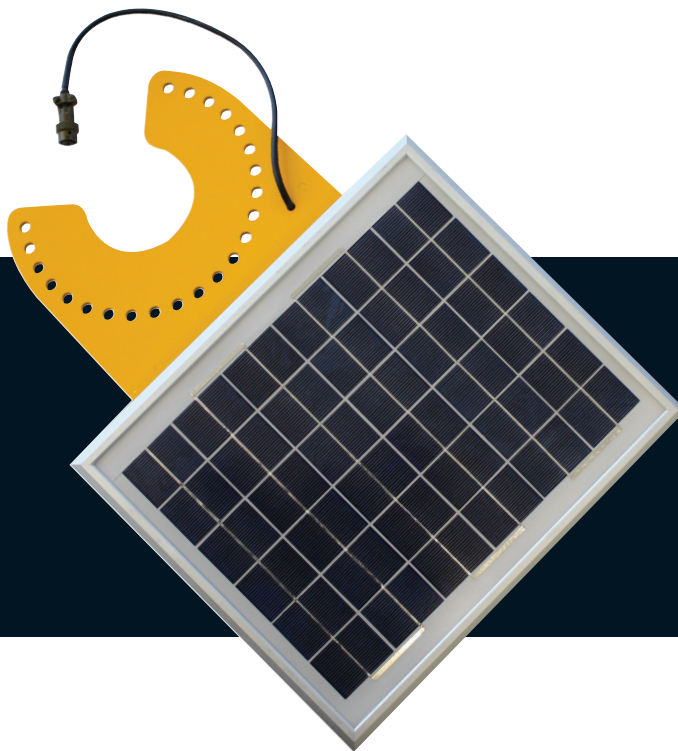


# Solar Booster™

AV-SB Series



AV-SB-10 Solar Booster™ shown with AV-425-RF



AV-SB-10 Solar Booster™ shown with AV-C410



AV-SB-3 Solar Booster™ shown with AV-70

The AV-SB Series Solar Booster™ can be connected to a selection Avlite lights to provide additional solar collection to charge the battery. The Solar Booster™ can be used in areas of reduced sunlight to help ensure optimum battery charge or where longer periods of high intensity mode is required.

The solar panel is connected to the light via the external charge port and the panel is mounted at an angle to maximise solar collection during daylight hours.

The Solar Booster™ will provide up to 0.5A of additional charge into the battery. In areas of high solar conditions, when fitted to the AV-425-RF, this may allow the fixture to operate in a high-intensity L-861 output setting for up to 11 hrs per night.

In lower solar regions, fitting the Solar Booster™ may widen the operating latitudes where the standard light models may not be sufficient.

For details related to other models and/or solar profiling of your region please contact Avlite Systems.

SPECIFICATIONS * *	AV-SB-3	AV-SB-10
<b>Model Suitability</b>	AV-70, AV-70-RF	AV-C410, AV-425-RF
<b>Electrical Characteristics</b>		
Nominal Operating Voltage	3.6V	12V
Maximum Power (Pmax)	3W	10W
Voltage at Pmax (Vmp)	5.7V	17.0V
Temperature Range	-40 to 80°C	-40 to 80°C
<b>Solar Characteristics</b>		
Solar Module Type	Multicrystalline	Multicrystalline
Solar Module Efficiency (%)	14	14
<b>Physical Characteristics</b>		
Body Material	7-stage powder-coated aluminium	7-stage powder-coated aluminium
Mounting	4 hole 200mm bolt pattern	4 hole 200mm bolt pattern
Height (mm/inches)	130 / 5 1/8	150 / 5 7/8
Width (mm/inches)	235 / 9 3/4	370 / 14 1/2
Length (mm/inches)	345 / 13 3/4	560 / 22
Mass (kg/lbs)	1.2 / 2.65	3.2 / 7
Product Life Expectancy	20 years plus	20 years plus
<b>Certifications</b>		
CE	EN61000-6-3:2007 EN61000-6-1:2007	EN61000-6-3:2007 EN61000-6-1:2007
Quality Assurance	ISO9001:2008	ISO9001:2008
Waterproof	IP68	IP68
<b>Intellectual Property</b>		
Trademarks	Solar Booster™ is a registered trademark of Avlite Systems	Solar Booster™ is a registered trademark of Avlite Systems
<b>Warranty *</b>	3 year warranty	3 year warranty



\* Specifications subject to change or variation without notice  
\* Subject to standard terms and conditions