

OEM SOLAR CHARGER

POWERFUL PLATE KEEPS BATTERIES
UP EVEN UNDER LOW LIGHT CONDITIONS

A discharged battery is a fact of life and is one of the most common problems facing the automotive industry.

- ° Car manufacturer & transportation
 - A loose ground wire gives an intermittent connection
 - Problems with the voltage regulator overcharge or under-charge
 - Battery installation - an improper hold-down or lack of hold-down causes excessive vibration and internal damage to the battery
- ° Parking lots – Plants / Ports & Dealers
 - Cars sitting for long periods of time
 - Extremely hot or cold ambient temperatures
- ° Final clients
 - Headlights, dome light, glove box light, or trunk light
 - Added toys - including cell phones, GPS, alarms, etc
- ° **THIS DEMANDS TO ALLOCATE EXTRA MONEY**
 - Re-charge / replace batteries
 - Fuel consumption
 - Labor cost

Technology & Innovation

SAVING MONEY USING THE POWER OF THE SUN



One product that combines battery maintenance with solar technology



° **Designed**
For Automotive use

° **Durability**

- Plastic frame with bumpers withstands drop-test
- Ambient temperature -40°C to 90°C

° GENERAL SPECIFICATIONS

- Size 380 x 260 mm / 14.96 x 10.23 in
- Weight 1.1 kg / 2.4 lbs
- Cable 160 cm / 63 in
- Shut-off protection 14.4 V +/- 0.2 V
- Reverse current Prevented by built-in blocking diode

° CELL SPECIFICATIONS

Thin Film Amorphous Silicon
Substrate 2.3 mm TCO (Coated Float Glass)
Protective Coating - Vinyl

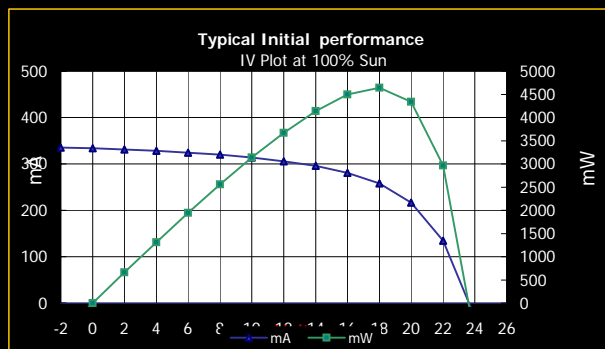
° INITIAL PERFORMANCE

- Voc 23 V
- Isc 296 mA
- Pmax 4.3 W
- Vmp 18 V
- Imp 240 mA

° TEMPERATURE COEFFICIENTS

- Voltage -0.4% per °C
- Current 0.1% per °C

Typical figures may vary by +/-10% in line with manufacturing tolerances.
The electrical performance data quoted apply to standard test conditions (STC)
Spectrum AM 1.5 with the cell tested at ambient conditions (25 °C).



ICP Solar Technologies Inc is a Canadian public company with over 18 years of experience in research, development and manufacturing solar energy products.



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