



The Solar Dart™ is a portable solar system that includes a pulse width modulated (PWM) charge controller and a 50 watt solar panel. The Solar Dart is designed to maintain a battery on a truck, trailer, or reefer when the vehicle's primary charging system is not active.

Includes grommets for mechanical fastening applications. Optional mastic.



Specifications:

Panel Specifications:

Peak Power (Pmax)	50W
Open Circuit Voltage/VOC.....	23.6V
Max. Power Voltage/Vmp.....	20V
Power Tolerance Range.....	+/-3%
Short Circuit Current.....	2.65A
Max. Power Current/Imp	2.5A
Maximum System Voltage.....	200V DC
Dimensions (mm/in)	510x600x4/20x23.6x0.15

Controller Specifications:

Nominal system voltage.....	12/24VDC Auto
Max. PV input voltage	50V
Rated current	10A
Equalize Voltage	14.8V(12V);29.6V(24V)
Boost Voltage	14.4V(12V);28.8V(24V)
Float Voltage	13.7V(12V);27.4V(24V)
Self-consumption	12V≤4.58mA;24V≤6.01mA
Temp. comp. coefficient	-5mV/°C/2V (25°C)
Working temperature	-35°C->+55°C
Dimension(mm/in).....	108.5×75×25.6/4.3x3x1

Part Numbers:

Part Number	Description
9103-0006-A-A	Solar Dart, 50 Watt, Power Plug, Eyelets, Battery Clips
9103-0005-A-A	Solar Dart, 50 Watt, Power Plug, Eyelets, Battery Clips, with Mastic



Drawings:

