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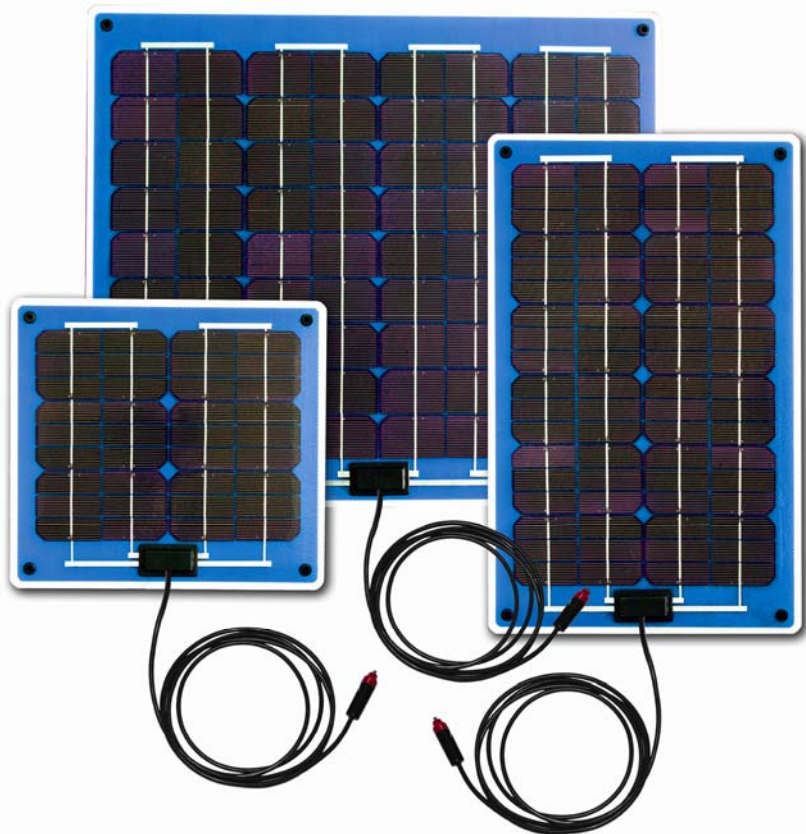
Go Power!™ Manual

DURAlite Solar Chargers

GPDL-5

GPDL-10

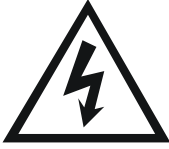
GPDL-20



Go Power!™
Building 4, 203 Harbour Road
Victoria, BC V9A 3S2
Tel: 866-247-6527
Fax: 866-607-6527
Email: info@gpelectric.com

1.0 General Information

Welcome to the Go Power!™ DURAlite Installation Guide. Please read all the instructions contained within this manual to gain a full understanding of how to install this product.



2.0 Warnings

Avoid All Electrical Hazards. Disconnect batteries and electrical system from any power source of electrical power before attempting to install your **Go Power!™ DURAlite**.

Solar module safety: Photovoltaic modules generate DC electricity when exposed to light. Contact with the electrically active parts of the module, such as terminals, can result in burns, sparks, and lethal shock, regardless of the module being connected or disconnected.

Do not touch the terminals while the module is exposed to light. Cover the module face completely with opaque material to halt the production of electricity when installing or working with modules or wiring.

Be aware that the solar module is a live power source generating electricity when exposed to any light source. Do not drop the solar module or allow objects to fall on it. Do not concentrate sunlight on the solar module with a mirror or lens.

Observe proper polarity throughout the DURAlite installation.

Work Safely. When working with batteries, do not wear jewelry, use protective eyewear, and wear gloves. If skin, eyes, or clothing come in contact with acid, rinse thoroughly with water.

Follow the Safety Precautions of the battery manufacturer. Do not produce sparks when working in locations where flammable gases or vapors exist.

3.0 Specifications

Specifications*			
	GPDL-5	GPDL-10	GPDL-20
Rated Power	5 W	10 W	20 W
Peak Current	0.3A	0.6A	1.2 A
Peak Voltage	15 V	15 V	15 V
Open Circuit Voltage	19.6 V	19.6 V	19.6 V
Dimensions	30 x 28 cm 12 x 11"	48 x 30 cm 19 x 12"	56 x 48 cm 22" x 19"
Weight	1.65 lbs / 0.75 kg	2.85 lbs / 1.30 kg	4.6 lbs / 2.09 kg
UPC	8-39085-00120-2	8-39085-00121-9	8-39085-00122-6

**Specifications subject to change without notice*

Note: Specifications are measured values at standard test conditions of 1000 W/m² at 25° C.

4.0 Features

- 10 ft (3.3 m) UV rated power cable
- Sealed junction box
- Blocking diode for reverse current protection
- Four mounting holes
- 12 volt automobile-style socket plug
- 5 year limited warranty



5.0 Installation Requirements

1. LOCATION: - Select a location for the DURAlite that is in direct sun. Shadows falling on the DURAlite will greatly reduce power output.
2. MOUNTING – Mount the DURAlite to any flat surface. Secure to the selected location using fasteners in the mounting holes or using self-adhesive Velcro strips. The method of mounting is beyond the control of Go Power!™. Damage resulting from failed mounting is not covered under warranty.
3. CONNECTION – Plug the DURAlite power cable socket into any 12 volt DC source.
4. Pulling the DURAlite power cable may cause undo stress on the junction box. The power cable should never support the weight of the module.

6.0 Disclaimer of Liability & Warranty

1. Go Power!™ warrants the Go Power!™ DURAlite for a period of one (1) year against defects in materials and workmanship and five (5) years against a power output less than 90% of the rated power output at STC. This warranty is not valid against defects resulting from, but not limited to:
 - Misuse and/or abuse, neglect, or accident.
 - Exceeding the unit's design limits.
 - Improper installation, including, but not limited to, improper environmental protection and improper hook-up.
 - Acts of God, including lightning, floods, earthquakes, fire, and high winds.
 - Damage in handling, including damage encountered during shipment.
2. Go Power!™ cannot assume responsibility for any damages to any system components used in conjunction with Go Power!™ products, nor for claims for personal injury or property damage resulting from the use of Go Power!™ products or the improper operation thereof or consequential damages arising from the products or use of the products.
3. Go Power!™ cannot guarantee compatibility of its products with other components used in conjunction with Go Power!™ products, including, but not limited to, solar modules, batteries, and system interconnects, and such loads as inverters, transmitters, and other loads which produce “noise” or electromagnetic interference, in excess of the levels to which Go Power!™ products are compatible.
4. Warranty repair and/or evaluation will be provided only at the Victoria, British Columbia facility of Go Power!™ Units for such repair and/or evaluation must be returned freight prepaid to Go Power!™ with a written description of any apparent defects. An RMA # issued only by Go Power!™ must be clearly visible on the outside of the returned package. Go Power!™ will not be required at any time to visit the installation site wherein Go Power!™ products are subject to warranty repair and/or evaluation.
5. Only Go Power!™ is authorized to repair any of its products, and they reserve the right to repair or replace any unit returned for warranty repair. The party returning a unit for repair is responsible for proper packaging and for shipping and insurance charges, as well as any other charges encountered, in shipping to and from Go Power!™
6. The purchaser's exclusive remedy for any and all losses or damages resulting from the date of sale of this product including, but not limited to, any allegations of breach of warranty, breach of contract, negligence or strict liability, shall be limited, at the option of Go Power!™, to either the return of the purchase price or the replacement of the particular product for which claim is made and proved. In no event shall Go Power!™ be liable to purchaser or purchaser's customers or to anyone else for any punitive, special,



consequential, incidental or indirect losses or damages resulting from the sale of the product, whether based upon loss of goodwill, lost profits, work stoppages, impairments of other goods, breach of contract, or otherwise.

7. This warranty supersedes all other warranties and may only be modified by statement in writing, signed by Go Power!™
8. Warranty terms effective as of July 28, 2010.

6.1 Repair and Return Information

To return items:

1. Call your Go Power!™ Sales Representative or Go Power!™ Technical Support (1-866-247-6527) to try and troubleshoot the problem.
2. Obtain an RMA # through your Go Power!™ Sales Representative or Go Power!™ Technical Support.
3. Ensure the RMA # is clearly visible on the outside of the package, or **THE PACKAGE WILL BE REFUSED**.
4. Ship to Go Power!™ PREPAID to the following address:

Go Power!
Building 4, 203 Harbour Road
Victoria, B.C. V9A 3S2
Canada
5. **Do not ship product collect**, unless approved by Management prior to Go Power!™ receiving said product, or **THE PACKAGE WILL BE REFUSED**.
6. Test items or items that are not under warranty, or units that are not defective, will be charged a minimum bench charge of (\$50.00 US) plus taxes and shipping.
7. A 15% restocking charge will be applied on goods returned and accepted as "new" stock.