

SOLAR PANELS - SMALL HOBBY PANELS

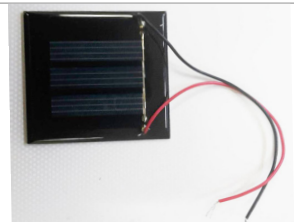
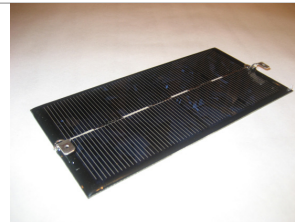
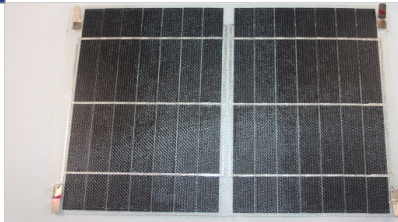
CODE	SIZE	NO. OF PIECES	WATTS	VOLTS/AMPS (NOM)	WIRES (LENGTH)	PRICE
SOLAR1	86 x 57 mm	1	0.485	0.5V / 0.97A	---	\$6.62
SOLAR2	86 x 133 mm	1	1.2	1.5V/0.8A	---	\$14.49
SOLAR2L	71 x 161 mm	1	1.2	1.5V/0.8A	---	\$14.49
SOLAR 3	105 x 72 mm	1	0.68	2.0V / 0.34A	---	\$10.58
SOLAR4	86 X 170 mm	1	1.6	2.0V / 0.92A	---	\$18.14
SOLAR5	22 x 84 mm	1	0.18	0.5V / 0.37A	100 mm	\$4.17
SOLAR7	78 x 179mm	1	2.4	3.0V/0.8A	120 mm	\$18.14
SOLAR8	86 x 147 mm	1	1.44	2.0V/0.72A	---	\$13.05
SOLAR9.5	51 x 58mm	1	0.10	1.5V/0.07A	100 mm	\$4.43
SOLAR11	91 x 104 mm	2	2 x 0.525	2x 1.5V/0.35A	---	\$10.58
SOLAR13	91 x 216 mm	4	4 x 0.57	4 x 1.5V/0.38A	---	\$19.15
SOLAR14	60 x 78 mm	1	0.45	1.5V/0.3A	100 mm	\$6.62
SOLAR17	85 x 65 mm	1	0.48	4.0V / 0.12A	---	\$6.62
SOLAR23	86 x 188 mm	2	2 x 0.85	2 x 1.0V/0.85A	---	\$17.27

NOTE: When selecting a solar panel to drive an electric motor, please ensure that you select a panel with the appropriate voltage & current for the selected motor – or vice versa.

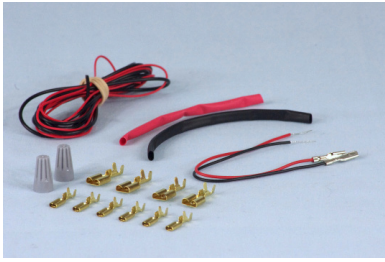
SOLAR PANELS

Below is the part of our range of SOLAR PANELS that are most suitable for use in the Sheridan Challenge

NUMBER	SOLAR26	SOLAR4	SOLAR10
AREA	350 cm ²		
DIMENSIONS (MM)	160mm x 252mm	86mm x 170mm	52mm c56mm
WATTS	5.0 to 6.0	1.5	100% sun=100mA
VOLTS / AMPS (NOM)	7.0V – 1.0A	2.0V / 0.92A	1.5V / 0.1A
WEIGHT	50 grams	70 grams	---
PRICE	\$111.50	\$18.14	\$13.85



* The No. 10 panel is used to determine how intense / powerful the sun is at the time of testing. When connected to a digital multi-meter, this panel measures the sunlight intensity as a percentage. This panel has 100mm long wires. NOTE: 100% sun = 100mA

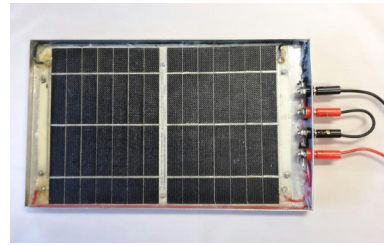


SOLAR PANEL WIRING HARNESS

Code: HARNESS26

This kit provides all the parts required to assemble a wiring harness for wiring the No. 26 Solar Panel (SOLAR26) in series and parallel. This is wired up to either a Toggle switch or a large Slide switch – which have centre-off position. Thus, the switch is used to switch between S (Series)-Off-P (Parallel).

\$9.07



ALUMINIUM TRAY KIT FOR SOLAR 26

Code: TRAY26

Aluminium tray with banana plugs, banana panel mounts, hook-up wire and other components to mount the Solar Panel No. 26 (SOLAR26). Suitable for use when racing model solar cars in competition.

\$22.57

43Aluminium Tray also available to purchase separately.

Code: TRAYAL

\$12.85

AUTOMAX SOLAR MPPT

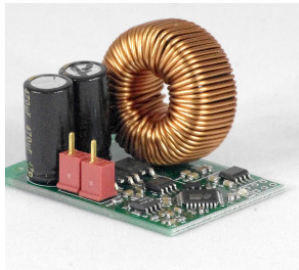
Code: AUTOMAX

AutoMax is a computerised Maximum Power Point Tracker.

This unit holds the solar panel's output voltage at its Maximum Power Point voltage regardless of the load conditions. Assembled and tested.

Includes Deans Micro plugs.

\$127.36



LARGE TERMINALS

Code: TERML

Fits the terminals of SOLAR26 panels

Pack of 10

\$4.40



SMALL TERMINALS

Code: TERMS

Push onto the terminals of the toggle or large sliding switch.

Pack of 10.

\$2.45



TERMINATED WIRES 180MM WITH FEMALE SPADE AT ONE END - PAIR

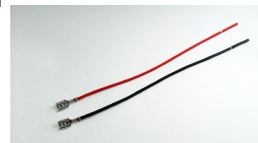
Code: WIRET180PR

Pair of 180mm terminated wires (1 x black + 1 x red) with 6.3mm terminal at one end.

24 strands / 0.2mm dia.

Fit solar panel terminals.

\$0.95



POSTAGE RATES

Weight	Under 0.5 kg	0.5 - 2.0 kg	2 - 5 kg	5 - 10 kg	10 - 25 kg	Over 25kg
Victoria	\$11.40	\$14.76	\$16.75	\$20.13	\$26.85	Please enquire
NSW / SA / TAS	\$11.40	\$19.13	\$21.47	\$24.15	\$33.56	
Brisbane, Perth	\$11.40	\$21.47	\$24.15	\$30.19	\$40.24	
QLD / WA / NT (Rural)	\$11.40	\$23.48	\$26.85	\$33.56	\$46.96	

- ✓ E-mail, post or fax your official school order to us, including the teacher's name to speed delivery.
- ✓ An invoice will be included with the goods. Note: you do not need to open an account with us.
- ✓ Orders are dispatched quickly and are sent using Australia Post.
- ✓ Prices and stock availability are subject to change without notice.
- ✓ Payment is by cheque, EFT or credit card. Please note there will be a 1.5% surcharge on all credit card payments over \$250.

Order Form

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If you are a **school or business**, email, fax or mail a copy of your **OFFICIAL ORDER FORM** to us.

Please include the teacher's/contacts name and contact information (preferably an e-mail address).

Schools WITHOUT official order forms can use this form, and are required to send an emailed order that displays school details. The teacher's name and contact details must be supplied.

CUSTOMER DETAILS

Name / Teacher			
School Name			
Street Address	State	Postcode	
Suburb	Tel:		
School's Email	Tel:		

Code	Description	Price Per	Qty	Cost (Price x Qty)
				\$
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*Refer to the latest Catalogue			Subtotal	\$
			*Postage	\$
			Total	\$

We also have catalogues for **Technology Kits & Components, Tools, Physics, Clocks & Pens**, which can be downloaded from our website. We are progressively adding more items to our online catalogues and information. Please have a look - we would appreciate feedback on what else you would like to see. Thank you for your continuing support.