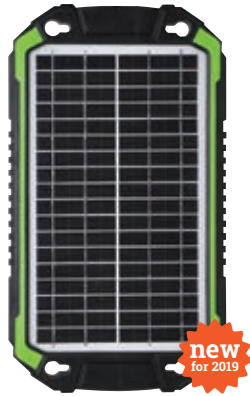


10W 12V Solar Battery Charger

A 10W monocrystalline solar panel with 0.56A current output designed for keeping your car, caravan or 4WD batteries topped up. Ideal for portable situations where temporary charging might be required at campsites. Easy connection directly to battery via included croc clips or car accessory plug adapter. Includes hardware for permanent mounting on the roof of a caravan or boat. Also suitable for remote power installations such as water pumping stations, electric fences, remote lighting etc. Bypass diode prevents battery discharge. 2.5m cable. Dimensions: 377L x 212W x 17D mm.



Price Each	RRP	2+	4+
N 0704A	59.95	53.95	47.95

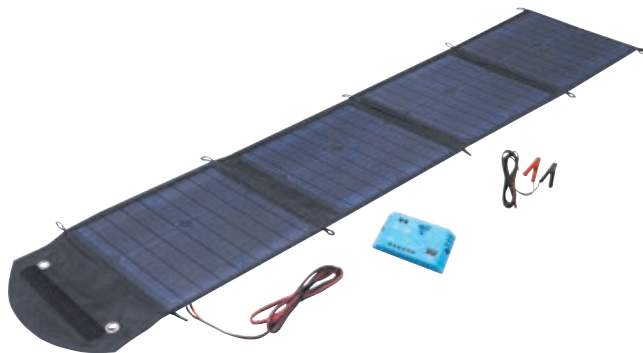
15W 12V Solar Battery Charger

A 15W monocrystalline solar panel with 0.84A current output designed for keeping your car, caravan or 4WD batteries topped up. Ideal for portable situations where temporary charging might be required at campsites. Easy connection directly to battery via included croc clips or car accessory plug adapter. Includes hardware for permanent mounting on the roof of a caravan or boat. Also suitable for remote power installations such as water pumping stations, electric fences, remote lighting etc. Bypass diode prevents battery discharge. 3m cable. Dimensions: 440L x 343W x 17D mm.



Price Each	RRP	2+	4+
N 0706A	79.95	71.95	63.95

Blanket Solar Panels



Stay powered up even when you're away from the grid! These "blanket" solar panels simply fold out flat when you arrive at your campsite for instant power. Each model includes a solar regulator with 2.5m alligator battery clip lead for direct connection to your vehicle or auxiliary battery. Features 18.7% efficient monocrystalline cells for providing power even on cloudy days. The perfect accessory for going bush, they fold up into a small package for easy storage. Suits 12V battery systems.

Price Each	RRP	2+	2+
N 1112 50W	205.00	195.00	195.00
N 1114 100W	399.00	375.00	375.00
N 1115 125W new	520.00	496.00	496.00

10W Solar Fold Out Portable Charger

This compact carry case houses a 10W monocrystalline solar panel for charging your devices in remote locations. A 5V USB 1.5A output is provided for direct charging connection to your smartphone, tablet or GPS. A typical smartphone will take 2-4 hours to charge with sufficient sunlight. A tablet may take 10-12 hours. Size: 720 x 290 x 30mm (open flat).



Price Each	RRP
N 0710	65.00

Solar Regulators

Kemo® Solar Charge Controller

A simple solar charge controller offering 6A current charging. It is suitable for sealed or wet cell batteries and is sealed in epoxy for reliable operation. Suitable for solar cells with an open circuit voltage between 14-30V DC. LED indicators show when unit is charging or battery is at full capacity. Suits 12V battery systems only. Size: 72 x 50 x 42mm.



Price Each	RRP
N 2078 12V 6A	31.50

Manson® Solar Charge Controllers



This versatile unit suits all types of photovoltaic panels and wet or sealed lead acid batteries. A microprocessor provides optimal charging current and voltage according to the actual state of charge and type of battery. The 3-stage (bulk, absorption & float) charger ensures proper maintenance of batteries, maximising their service life. For wet cells, an equalisation function automatically cycles the battery once a month for two hours. The battery will disconnect if the terminal voltage drops below a preset level and then reconnects once charged. N 2073 temperature sensor may be fitted to automatically disconnect the circuit if the batteries overheat.

- Features** • 3 stage charge algorithms • Over-charge & over temp protection • Low voltage disconnect • Over-discharge & reverse polarity protection • Back-current protection from battery to panel • Auto dusk-detection • Display of battery voltage, panel voltage & mode

SPECIFICATIONS	N 2067	N 2072
Max charge/load current	25A	35A
Continuous load	20A	30A
12V low voltage dis/reconnect	8-16V (adjustable)	8-16V (adjustable)
24V low voltage dis/reconnect	6-32V (adjustable)	-
Voltage across terminal (PV to batt.)	0.8V	1.2V
Voltage across terminal (batt. to load)	0.4V	0.6V
Terminal wire size	12AWG	10AWG
Dimensions (mm)	150 x 85 x 45	150 x 85 x 50

Price Each	RRP	2+	4+
N 2072 30A 12V	229.00	209.00	199.00
N 2067 20A 24V	80.00		
N 2073 Temperature sensor lead	29.95	26.75	23.50