

▼ Solar Charge Controllers

12/24V MPPT Solar Charge Controllers

These MPPT chargers allow you to get more power from your existing panels, or alternatively reduce the overall required panel wattage for new systems. The charger utilises Maximum Power Point Tracking (MPPT) circuitry to provide up to 20% additional charge energy than conventional regulators. It is suitable for permanent installations of lead acid, gel battery and lithium chemistry solar panel systems. LEDs are provided to indicate working status - solar charge ON, load ON and battery level. Suitable for 12V or 24V systems, the charger automatically detects the connected battery voltage. Ideally suited to vehicles and simple remote power systems.



Max charge/load current	20A/40A
12V low voltage dis/reconnect	10.8V
24V low voltage dis/reconnect	21.6V
No load current:	<45mA
Max solar input voltage (OC)	>100V
Terminal wire size	7AWG
Dimensions (mm)	174 x 145 x 50

Features • Advanced MPPT technology • Multi-chemistry design suits Sealed, Gel, Flooded Lead, Acid, LiFePO4, Li(NiCoMn)O2 type batteries • 12/24V automatic voltage identification • LCD display screen

Price Each		RRP	2+	4+
N 2024A	20A	159.00	145.00	129.00
N 2026A	40A	239.00	215.00	195.00

12/24V 30A Solar Charge Controller For Lithium/Lead Acid

Features • Suits lead acid type batteries • Suits lithium chemistry batteries, including Li-NiCoMn & LiFePO4. • Adjustable daytime start, night off mode • Auto battery identification • Intelligent PWM charging • Temperature compensation • USB 2A charger (4 ports) • Overload, short circuit, reverse polarity, reverse discharge, over heat, under voltage protections



Suitable for permanent installations of lead acid, gel battery and lithium chemistry (including Li-NiCoMn & LiFePO4) solar panel systems. LEDs are provided to indicate working status - solar charge ON, load ON and battery level. Suitable for 12V or 24V systems, the charger automatically detects the connected battery voltage. Ideally suited to vehicles and simple remote power systems such as pumping stations, electric fences, remote lighting, marine applications etc.

Max charge/load current	30A	Li-NiCoMn:	
No load current:	<30mA	12V low voltage disconnect	9V
Max solar input voltage	<100V	24V low voltage disconnect	18V
Terminal wire size	6AWG	LiFePO4:	
Lead Acid:		12V low voltage disconnect	11.2V
12V low voltage disconnect	10.7V	24V low voltage disconnect	22.4V
24V low voltage disconnect	21.4V		

Price Each		RRP	2+	4+
N 2019D	30A	77.50	69.75	62.00

Important Note For Wholesale Customers

All prices listed in this catalogue are RRP "retail" prices. To access our competitive wholesale pricing scheme apply for an account via www.altronics.com.au or phone the wholesale division in your state - see back cover for phone numbers.

Sealed MPPT Solar Charge Controllers



These compact IP67 weatherproof modules provide MPPT solar charging for lead acid batteries. Maximum Power Point Tracking (MPPT) circuitry to provide up to 20% additional charge energy than conventional regulators. This essentially allows you to get more power from your existing panels, or alternatively reduce the overall required panel wattage for new systems. Ideally suited for vehicle power systems, ticketing infrastructure and other remote power requirements. Includes a host of protection features for safe and reliable operation. Available in 150W and 300W output power.

Features • Utilises Maximum Power Point Tracking (MPPT) circuitry • Models for lead acid or LiFePO4 (lithium) batteries • Over temperature & short circuit protection • Under input voltage shutdown • Battery under voltage shutdown • Fully sealed IP67 rated design

Price Each		RRP	4+	6+
N 2011	10A 12V LiFePO4 (Lithium)	66.95	59.95	53.50
N 2013	20A 12V LiFePO4 (Lithium)	89.95	79.95	69.95
N 2015	10A 12V Lead Acid	66.95	60.00	53.50
N 2016	20A 12V Lead Acid	79.95	71.95	63.95

Dual Battery MPPT Solar DC To DC Chargers



These DC to DC battery chargers with MPPT solar input have been designed for in-vehicle use where auxiliary batteries are required to be charged from solar panels or the vehicles main battery. The charger offers fully automatic, set-and-forget operation, isolating the main vehicle battery when the engine is off, preventing discharge so you can still start your vehicle when required. It provides multi-stage charging for lead acid, AGM/Gel, Calcium, LiON and LiFePO4 battery types. The in-built MPPT solar charge controller accepts PV solar panels with an output voltage range of 16-25V. Size: 208 x 136 x 38mm.

Features • Heavy duty aluminium case with integral mounting points • Microchip monitoring and control • Fully automatic high frequency multi stage charging • MPPT solar regulator input • Compatible with vehicles fitted with smart alternators • Pulse mode technology that reduces oxidation • Easy push button chemistry select: AGM/Gel, Calcium, LiON, Deep Cycle, VRLA and conventional flooded Lead-Acid batteries • Internal charger temperature monitoring and power output control • Over charging, short circuit and over temperature protection • Input and output reverse polarity protection • Thermal overload protection • Solar input overload protection

Price Each		RRP	2+	4+
N 2087	20A	229.00	199.00	179.00
N 2089A	40A	345.00	310.00	275.00

Price Each		RRP	2+	4+
N 2087	20A	229.00	199.00	179.00
N 2089A	40A	345.00	310.00	275.00