

FROM A CAMPSITE IN THE KIMBERLEY TO A BEACH IN BINALONG BAY, TJM HAS THE COUNTRY COVERED FOR GETTING 4WD EQUIPPED.

Since 1973, TJM has designed, tested and developed the most comprehensive and innovative range of 4WD equipment available in Australia today.

And our work goes on, in the toughest testing ground we know... our own backyard.

Whether you're camping or fishing, drilling or fencing, or just picking up the kids from school, get yourself TJM equipped for anything.

TJM Bull Bars, Nudge Bars, Side Bars and Steps, Alloy and Steel, engineered and refined to stringent Australian Safety Standards.

TJM Airtec Snorkels, TJM XGS Suspension, TJM Recovery Gear, TJM Winches, TJM Pro Lockers, TJM Roof Top Tents and Awnings, TJM and Aeroklas Canopies, Dual Battery Systems and a whole lot more.

The list keeps growing like a good bush yarn, because at TJM we're

always striving for new ideas that'll help and protect our customers while they enjoy their 4WD experience.

To see the complete TJM range of products visit www.tjm.com.au where you'll get a real good look at how TJM will get you equipped.

TJM IS WHERE YOUR JOURNEY BEGINS WITH OVER 60 STORES AUSTRALIA WIDE, STOCKING THE LARGEST RANGE OF THE BEST BRANDS

ACT

Canberra (02) 6280 9468

NSW

SYDNEY METRO
Brookvale (02) 9905 4764
Carlton (02) 9547 3355
Chipping Norton (02) 9602 1502
Hornsby (02) 9477 5528
Parramatta (02) 9635 0811
Penrith (02) 4721 1355

REGIONAL
Albury (02) 6021 5544
Armidale (02) 6771 1781
Ballina (02) 6681 5300
Broken Hill (08) 8088 7086
Batemans Bay (02) 4472 4746
Cobar (02) 6836 4011
Coffs Harbour (02) 6652 4899
Dubbo (02) 6885 3777
Goulburn (02) 4822 4455
Grafton (02) 6642 4335
Inverell (02) 6721 1115
Lismore (02) 6621 7000
Macarthur (02) 4648 2085
Narooma (02) 4476 2576
Newcastle (02) 4951 1184
Orange (02) 6361 7999
Port Macquarie (02) 5525 1888
Tamworth (02) 6763 1500
Tweed Heads (07) 5524 8218
Wagga Wagga (02) 6925 4770
Wollongong (02) 4227 4888

NT

Alice Springs (08) 8952 2388
Darwin (08) 8995 8800

QLD

BRISBANE METRO
Brendale (07) 3490 6900
Caboolture (07) 5499 1400
Cleveland (07) 3286 9646
Coopers Plains (07) 3277 8255
Hendra (07) 3103 8484
Underwood (07) 3209 3448

REGIONAL
Bundaberg (07) 4152 0144
Cairns (07) 4047 8900
Gold Coast (07) 5596 3472
Goondiwindi (07) 4671 7300
Gympie (07) 5482 3900
Hervey Bay (07) 4124 1855
Mackay (07) 4841 8100
Maroochydore (07) 5451 1155
Maryborough (07) 4121 2288
Mt Isa (07) 4749 6100
Rockhampton (07) 4927 6844
Toowoomba (07) 4634 6096
Townsville (07) 4758 0995

SA

Clovelly Park (08) 8276 4400
Mount Gambier (08) 8723 3231
Murray Bridge (08) 8531 1550
Nailsworth (08) 8344 6444
Nuriootpa (08) 8562 2772
Port Lincoln (08) 8683 0209
Waikerie (08) 8541 2099

TAS

Burnie (03) 6431 3222
Hobart (03) 6231 5121
Launceston (03) 6344 9744

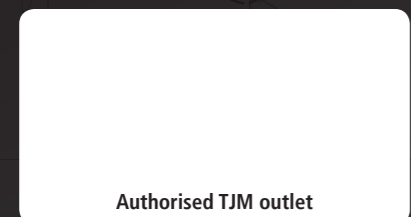
VIC

MELBOURNE METRO
Airport West (03) 9354 1116
Burwood (03) 9808 8966
Carrum Downs (03) 9017 5574
Dandenong (03) 9792 1116
Kilsyth (03) 9728 6300

REGIONAL
Bairnsdale (03) 5152 3431
Ballarat (03) 5331 2116
Bendigo (03) 5441 7225
Geelong (03) 5277 1444
Horsham (03) 5382 2675
Mansfield (03) 5779 1902
Mildura (03) 5023 4466
Pakenham (03) 5941 6588
Sale (03) 5143 0555
Seymour (03) 5792 2777
Shepparton (03) 5823 5285
Swan Hill (03) 5032 1448
Traralgon (03) 5176 6666
Warrnambool (03) 4451 8760

WA

Albany (08) 9841 2000
Broome (08) 9193 6006
Esperance (08) 9071 5407
Geraldton (08) 9964 8008
Karratha (08) 9144 4222
Kewdale (08) 6454 2200
Mandurah (08) 9581 6184
O'Connor (08) 9331 2788
Rockingham (08) 9592 4974



Authorised TJM outlet

TJM 4X4 EQUIPPED

NOV 2017 / 300PA4DC

TJM DC/SOLAR BATTERY CHARGER 25 AMP, 3 STAGE SWITCHMODE

TJM by PROJECTA



3YR WARRANTY

DON'T BE CAUGHT SHORT OF CHARGE

Visit your local TJM store and get equipped for on and off road, work or play.

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TJM 4X4 EQUIPPED

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3YR WARRANTY TJM DC/SOLAR BATTERY CHARGER

25 AMP, 3 STAGE SWITCHMODE

New from TJM comes the intelligent DC/Solar battery charger (DC25A): the toughest and most advanced dual battery management system available on the market today. The TJM DC25A allows you to charge your 12V second/auxiliary deep cycle battery on the go. It is shock, vibration and dust proof, as well as water resistant, making it suitable for both in-vehicle and under-bonnet installation.

Able to charge simultaneously from both solar and alternator (9–32V) inputs, DC25A can also function as an MPPT solar controller and features dual charging modes for compatibility with both smart and conventional alternators. Loaded with a host of safeguard features, the easy to install unit includes over/under voltage, anti-sparking, reverse connection and over temperature protection systems to ensure peace of mind.

The TJM DC25A sets a new benchmark for DC-DC battery management.



Pre-wired cabling, labelled for ease of installation

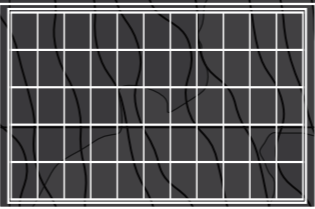


Ideal for under bonnet installation



25A SOLAR MPPT

Using sophisticated MPPT (Maximum Power Point Tracking) solar regulator technology, DC25A operates as a solar controller, maximising the power generated from panels.



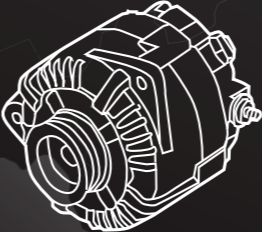
REMOTE STATUS INDICATION

An additional wire is provided for driving an external LED indicator, in-cabin for example, to remotely display charging and fault status.



MULTI-CHEMISTRY SUPPORT

Supporting GEL, AGM, WET and CALCIUM batteries, DC25A features periodic equalisation to remove acid stratification from calcium batteries.



SWITCHMODE TECHNOLOGY

Featuring the latest synchronous switching technology, DC25A's efficiency exceeds 94% at typical full load conditions, converting your vehicle's 12V DC/24V DC alternator power to a more complete charge and prolonging battery life.

IGNITION CONNECTION/VSR

DC25A can be wired to the vehicle ignition, allowing it to operate only when ignition is turned on. This ignition connection also enables a "low input operation" mode, for compatibility with smart (variable voltage) alternators found in modern vehicles.



CLASS LEADING FEATURES

DUAL INPUT OPERATION

Simultaneous dual battery charging from both solar and alternator inputs, no manual switching required

DUST, SPLASH & SHOCK PROOF

Sealed to IP67, DC25A will resist dust, water and shock damage, making it ideal for under bonnet installation

80 DEGREES CELSIUS

DC25A can safely operate (at a reduced charge rate) in extreme temperatures up to 80°C, as found in engine bays in hotter climates

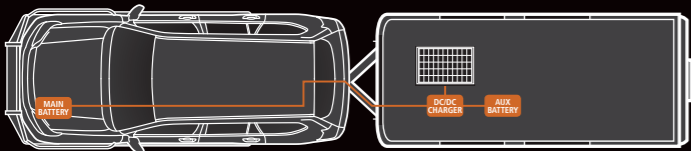
TEMPERATURE COMPENSATION

DC25A will continually adjust its charge rate to suit the battery temperature, protecting it from overcharge and overheating

PUSH BUTTON CHEMISTRY

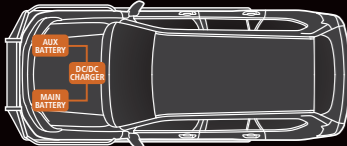
Adjust battery chemistry at the touch of a button for optimum charging

CARAVAN INSTALLATION



A sophisticated dual battery charger engineered for in-vehicle or under-bonnet installation on vehicles fitted with traditional or smart alternators

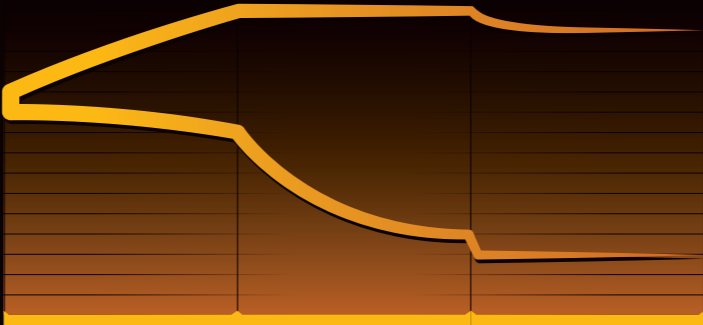
4WD INSTALLATION



Combines your Solar and Vehicle power to deliver a 3 stage charge ensuring longer battery life and performance

3 STAGE CHARGE

An advanced 3 stage charging process ensures a safe and complete charge



BULK CHARGING

Automatically stops when battery is full

ABSORPTION

Ensures a full charge to the battery without overcharging

CONSTANT VOLTAGE FLOAT

Maintains constant voltage keeping the battery fully charged



OVER TEMP PROTECTION

The TJMDC25A will automatically adjust its output based on battery temperature, preventing overcharge and overheating in small batteries and hotter climates.



OVER & UNDER VOLTAGE PROTECTION

The charger will detect and indicate a reversed connection on the input and output terminals, preventing damage to the internal circuitry of the unit.



REVERSE CHARGE PROTECTION

Reverse connection on input and output terminals does not damage the DC25A internal circuit. The DC25A detects reverse connection condition and indicates whether input or output connection is reversed.



SPARK FREE PROTECTION

The DC25A will not start charging the battery (no output) unless the load is securely connected. It prevents the output leads from sparking due to accidental short circuit making the charger safer to use around batteries.

SIZE 149 x 122 x 42mm

OPERATING TEMPERATURE -10°C to +80°C

BATTERY CAPACITY 75-300Ah

ALTERNATOR INPUT VOLTAGE 9-32Vdc

SOLAR INPUT VOLTAGE 23Vdc

OUTPUT CURRENT Input 9-11Vdc 20A
Input 11V-32dc 25A

CHARGE CONTROL Gel: 14.1V
AGM: 14.4V
WET: 14.7V
Calcium 15.4V

SMART ALTERNATOR 12V Vehicle:
Turn On: 12.2–20V
Turn Off: <11.9V

24V Vehicle:
Turn On: >=24.4–32V
Turn Off: <24V

VSR ALTERNATOR 12V Vehicle:
Turn On: >=13.4–20V
Turn Off: <12.8V

24V Vehicle:
Turn On: >=26.8–32V
Turn Off: <25.6V

SPECIFICATIONS