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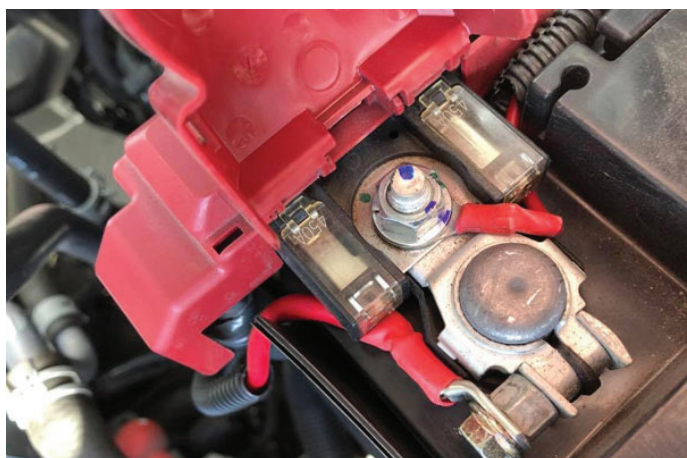
BATTERY EQUIPMENT & MAINTENANCE CATALOGUE

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in NZ Road Transport
since 1966



TWL



BATTERY MAINTENANCE

BATTERY SWITCHES Safely isolate or connect battery power for protection and control	3
BATTERY CHARGERS Recharge batteries safely and efficiently across various types and sizes	4
JUMP STARTERS Portable units that provide a quick power boost to start vehicles with flat or weak batteries	6
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BATTERY TERMINALS Ensure secure and reliable Battery and cable contact	9
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BATTERY BOXES Protective enclosure to house batteries safely	11

KEY:

- ◆ Available in Branch
- ▲ Available ex DC
- Available on order

All supported by the TWL team New Zealand wide

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A battery switch is a simple yet essential component that offers significant benefits for any vehicle or marine electrical system. It allows users to easily disconnect the battery when the vehicle is not in use, helping to prevent battery drain and extend battery life. Battery switches also enhance safety by reducing the risk of electrical fires or shorts during maintenance or storage.

For dual battery setups, they provide seamless control over power sources, enabling users to switch between batteries or isolate one for charging. Whether for convenience, safety, or power management, a battery switch is a smart investment for reliable and efficient electrical system operation.

Key	Item Number	Description	Mounting	Max Load
◆	080990	Battery Master Switch	24mm Diameter Opening	12V - 1000A for 10 Sec 24V - 500A for 10 Sec
◆	4640		Recess or Surface Mount	12V - 275A Continuous 24V - 137A Continuous
●	4648		22mm Diameter Opening	12V/24V - 500A Continuous
◆	4653		22mm Diameter Opening	12V/24V - 100A Continuous
●	4720		85mm Diameter Opening	12V/24V - 600A Continuous
●	4721		85mm Diameter Opening	12V/24V - 350A Continuous
●	4722		25mm Diameter Opening	12V/24V - 275A Continuous
●	4723		Recess or Surface Mount	12V/24V - 200A Continuous
●	4724		55mm Diameter Opening	12V/24V - 275A Continuous



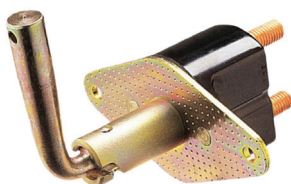
080990



4640



4648



4653



4720



4722



4724



4723

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Investing in a dedicated battery charger offers significant advantages for both personal and commercial battery maintenance. A quality charger ensures batteries are consistently kept at optimal charge levels, extending their lifespan and reducing the risk of deep discharge damage. This proactive approach minimizes downtime, especially in environments where reliable power is critical. Modern chargers often feature smart technology that adjusts charging rates based on battery condition, preventing overcharging and improving overall efficiency. Having a charger on hand also allows for quick recovery of batteries during unexpected power drops or seasonal inactivity, making it an essential tool for maintaining performance and readiness.

PowerTrain Smart Battery Charger

- 6/12/24V Output
- Automatic 7 Stage Charging
- 110 Amp Hours

Part No. SBC10ML ◆



Matson 4 in 1 Charger

- 12/24/36/48V Output
- Automatic 3 Stage
- Charging

Part No. MA4INONE ●



Matson Infinite Charger

- 6/12/24V Output
- Selectable Charging Type
- 6V/12V—2/10/20A Charging Current
- 24V—2/5/10A Charging Current

Part No. IR61224 ●



Matson Multi Volt Battery Charger

- 6/12/24V Output
- Multi-Volt 7 Stage Charging
- 6V/12V—20A Max Current
- 24V—10A Max Current
- Lithium compatible

Part No. MA61224 ●



PowerTrain Multi Volt Battery Charger

- 6/12/24V Output
- Automatic 8 Stage Charging
- 16A Charging Current

Part No. PBC168SL ▲



Powertrain Multi Volt Trickle Charger

- 6/12/24V Output
- Automatic 7 Stage Charging
- 6/12V—8A Current
- 24V—4A Current

Part No. PBC8A ▲



KEY: ◆ Available in Branch ▲ Available ex DC ● Available on order



PTC20AL



PTC30AL



PTC40AL

Key	Item Number	Product Type	Output	Charging Type	Charging Current
▲	PTC20AL	PowerTrain Smart Battery Charger	6/12/24V	Automatic - 8 Stage	20A
▲	PTC30AL				30A
▲	PTC40AL				40A

Key	Item Number	Product Type	Output	Charging Type	Charging Current
●	AE1000E	Matson Smart Charger	12V	Automatic - 5 Stage	2.0A-10.0A

PowerTrain Smart Charger

- 12V Output
- Automatic 7 Stage Charging
- 4.0A Charging Current

Part No. PTC12V4A ▲



PowerTrain Multi Volt Battery Charger

- 6/12V Output
- 7 Stage Charging Type
- 6.0A Charging Current
- Auto-polarity Charging Clamps

Part No. PTC12V6A7S-6/12-2 ▲



RELATED PRODUCT

Tip: Ideal for Hard-to-Reach Batteries - Pair with the PTC12V4A Charger

The CR1 Powertrain battery status indicator is perfect for monitoring batteries in hard-to-access locations like camper vans, boats, and off-grid setups. Once permanently installed, the CR1 provides real-time battery condition updates. When charging is required, simply connect your PTC12V4A Powertrain charger to the CR1's easy-recharge connector and switch on the charger—no need to remove panels or reach into tight spaces. This combination offers convenient battery maintenance solutions

Part No. CR1 ▲

Battery Status Indicator



A portable jump starter is a valuable tool for ensuring uninterrupted operation and peace of mind, especially in environments where battery failure can lead to costly delays. Unlike traditional jumper cables, jump starters are self-contained units that don't require a second vehicle, making them ideal for remote locations or emergency situations. They provide a quick and reliable way to revive dead batteries, reducing downtime and eliminating the need for roadside assistance.

Many modern jump starters also feature built-in safety mechanisms, USB ports for device charging, and LED lights, adding versatility beyond battery recovery. Whether for fleet vehicles, industrial equipment, or personal use, a jump starter is a smart investment in preparedness and productivity.

Jump Starter Safety Tips

-  Read the instructions before use
-  Inspect battery and jump starter
-  Connect clamps properly
-  Keep away from flammable materials
-  Avoid using in wet conditions
-  Recharge after each use

Key	Item Number	Product Type	Output	Current	Features
◆	APS12V/24V	Powertrain Heavy Duty	12/24V	500 Amp Continuous	15A Output Socket
◆	APS1700A	Jump Starter	12V	300 Amp Continuous	Fusible link Protection

APS12V/24V



APS1700A



Matson Heavy Duty Jump Starter

- 12/24V Output
- 3400 Amp Peak Current (12V)
- 12V DC Power outlet
- Dead Start function

Part No. MA3400 ●



Powertrain 2 in 1 Jump Starter

- 12V Output
- 1000 Amp Peak Current
- Air Compressor
- Power bank, USB

Part No. KA200 ◆



Key	Item Number	Product Type	Output	Current	Features
●	MA10000	Matson Lithium Jump Starter	12V	500 Amp Peak	Power bank, USB
●	MA21000		12V	1300 Amp Peak	Power bank, USB

MA10000



MA21000



KEY: ◆ Available in Branch ▲ Available ex DC ● Available on order

Matson Thunderbolt Jump Pack

- 12/24V Output
- **Peak Current:**
12V—8000 Amp
24V—4000 Amp
- 1.7M High Conductivity Leads
- Antizap Voltage
- Spike Protection
- 12V DC Power Outlet
- Buzzer and LED alert for reverse polarity connection
- Included 10AMP smart charger for recharging.

Part No. MA8000 ●



Matson Lithium Jump Starter

- 12V Output
- 1200 Amp Peak Current
- 250 Lumen Torch
- USB Port
- Automatic reverse polarity and short circuit protection.
- Automatically detects vehicle system voltage (12/24V)

Part No. MA35000 ●



Matson Roadside Jump Start Pack

- 12/24V Output
- 12V—3800 Amp Peak Current
- 24V—1900 Amp Peak Current
- Reverse Polarity Alarm
- Antizap Voltage Spike Protection
- Buzzer and LED alert for reverse polarity connection
- Included 10AMP smart charger for recharging.

Part No. RA3800 ●



JUMPER LEADS

Matson Surge Protected Jumper Leads

Key	Item Number	Amps	Length
●	MA354AZ	750	2.4m
●	MA504AZ	900	4m
●	MA506AZ	900	6m



Icon Jumper Leads

- 12V/24V Computer Proof
- 850 Amp Current
- 4M x 35mm² Cable size

Part No. 40305 ◆



Matson Anti Zap - Surge Protector 12/24V

Eliminate damage caused by voltage spikes when welding or working on vehicle electrics

Part No. MA20121224 ●



RELATED PRODUCT

When it comes to maintaining jump-starting equipment, whether you're replacing worn or damaged clamps, or simply keeping spares on hand for peace of mind, heavy-duty jumper lead clamps are a critical spare part for ensuring reliable and secure connections during highcurrent operations. Built for durability an strong conductivity, they're available in 150A, 300A, and 450A ratings—offering flexibility to suit a wide range of power requirements.

Enquire instore at your local TWL.

Part No. JLC2 ▲



Battery Testers are essential tools for quickly assessing the health and charge status of a battery. Whether you're checking voltage, cranking power, or overall condition, a reliable tester helps identify issues before they become costly failures.

Compact and easy to use, modern testers provide instant readings and often feature digital displays for clear results. Ideal for workshops, fleet maintenance, or personal use, they support proactive care and ensure batteries are performing at their best.

PowerTrain Battery Load Current & Voltage Tester

- Colour LCD Screen
- 10V–15V Power Supply
- 600 Amp Peak Current

Part No. BLT600A ▲



Matson Digital Battery Load Tester

- Digital Display
- 12V Batteries only
- 100 Amp Peak Current

Part No. 50888 ●



Matson Carbon Pile Battery Load Tester

- Voltmeter & Amp Meter
- 12V Batteries/Alternators/Starters
- 500 Amp Peak Current

Part No. 500A2 ●



Matson HD Digital Battery & System Tester With Printer

- Digital Display with Printer
- 6/12/24V Battery Testing
- 12V/24V Starting/Charging Testing
- Tests up to 2 batteries connected in series
- Tests up to 6 batteries connected in parallel

Part No. BT2400HD ●



Matson Digital Battery & System Tester

- LCD Display
- 12V Battery Tester
- 12V Internal Resistance Testing

Part No. BT400 ●



Matson Digital Battery & System Tester with Printer

- Digital Display with Printer
- 12V Battery Tester
- 12V Internal Resistance Testing
- 12V/24V Starting/Charging System Testing
- Suits Stop/Start Battery capability.

Part No. BT900 ●



Battery terminals are essential components that provide a secure and efficient connection between the battery and the electrical system. Designed to handle high current loads, quality terminals ensure consistent power delivery and reduce the risk of voltage drops. A reliable interface for power transfer, battery terminals contribute to system performance, safety, and ease of maintenance.

Key	Item Number	Product Type	Mount Type	Cable Size	Bolt Size
●	BT10N	Battery Terminal Negative	Saddle Clamp	Up to 35mm ²	M6
●	BT10P	Battery Terminal Positive	Saddle Clamp	Up to 35mm ²	M6
◆	BT10U	Battery Terminal Universal	Saddle Clamp	Up to 35mm ²	M6



Key	Item Number	Product Type	Mount Type	Cable	Bolt Size
◆	BT6NS	Battery Terminal Negative	Nut Clamp	Lug Type	M8
◆	BT6PS	Battery Terminal Positive	Nut Clamp	Lug Type	M8
▲	BT6US	Battery Terminal Universal	Nut Clamp	Lug Type	M8



Key	Item Number	Product Type	Mount Type	Cable Size	Bolt Size
▲	BT12N	Battery Terminal Negative	Side Entry/Bolt Clamp	Up to 70mm ²	M6
▲	BT12P	Battery Terminal Positive	Side Entry/Bolt Clamp	Up to 70mm ²	M6



Key	Item Number	Product Type	Mount Type	Cable Size	Bolt Size
◆	BT18NB	Battery Terminal Negative	Brass Wing Nut Clamp	Lug Type	M10
◆	BT18PB	Battery Terminal Positive	Brass Wing Nut Clamp	Lug Type	M10



Key	Item Number	Product Type	Mount Type	Cable Size	Bolt Size
◆	BT19N	Battery Terminal Negative	Hex Bolt Clamp	Lug Type	M10
◆	BT19P	Battery Terminal Positive	Hex Bolt Clamp	Lug Type	M10



RELATED PRODUCT

Designed to support battery maintenance by protecting terminals and ensuring clean reliable electrical connections

SKU: CRC5097—Battery Maintenance focuses on cleaning and neutralising existing corrosion

SKU: CRC5098—Battery Terminal Protector provides a protective coating to prevent future buildup.

Best used together



Matson Battery Terminal Isolator

- Simple to Install
- Fastens to Master Terminal
- Negative Polarity
- Turn Dial Breaker

Part No. MA2323 ◆



KEY: ◆ Available in Branch ▲ Available ex DC ● Available on order

Battery Leads & Cables are vital for delivering consistent power between batteries and key components like starters or auxiliary systems. Built to handle high current loads, these cables ensure reliable connectivity and efficient energy transfer across the electrical system. Durable insulation protects against heat, abrasion, and environmental exposure, while secure terminal fittings reduce resistance and prevent voltage drop. Whether linking battery to battery or battery to starter, quality leads are essential for dependable performance, easier starting, and long-term system health.

Key	Item Number	Product Type
◆	HDBB150/6	Cable, Battery-To-Battery, Heavy Duty, 150mm
◆	HDBB200/8	Cable, Battery-To-Battery, Heavy Duty, 200mm
◆	HDBB250/10	Cable, Battery-To-Battery, Heavy Duty, 250mm
◆	HDBB300/12	Cable, Battery-To-Battery, Heavy Duty, 300mm
◆	HDBB375/15	Cable, Battery-To-Battery, Heavy Duty, 375mm
●	HDBB450/18	Cable, Battery-To-Battery, Heavy Duty, 450mm
●	HDBB600/24	Cable, Battery-To-Battery, Heavy Duty, 600mm



Key	Item Number	Product Type
●	HDBS200/8	Cable, Battery-To-Starter, Heavy Duty, 200mm
●	HDBS250/10	Cable, Battery-To-Starter, Heavy Duty, 250mm
●	HDBS300/12	Cable, Battery-To-Starter, Heavy Duty, 300mm
●	HDBS375/15	Cable, Battery-To-Starter, Heavy Duty, 375mm
◆	HDBS450/18	Cable, Battery-To-Starter, Heavy Duty, 450mm
●	HDBS600/24	Cable, Battery-To-Starter, Heavy Duty, 600mm
●	HDBS750/30	Cable, Battery-To-Starter, Heavy Duty, 750mm
◆	HDBS900/36	Cable, Battery-To-Starter, Heavy Duty, 900mm
●	HDBS1050/42	Cable, Battery-To-Starter, Heavy Duty, 1050mm



Key	Item Number	Product Type
●	HDSS250/10	Cable Starter-To-Solenoid Heavy Duty 250mm
◆	HDSS300/12	Cable Starter-To-Solenoid Heavy Duty 300mm
●	HDSS375/15	Cable Starter-To-Solenoid Heavy Duty 375mm
▲	HDSS450/18	Cable Starter-To-Solenoid Heavy Duty 450mm
▲	HDSS600/24	Cable Starter-To-Solenoid Heavy Duty 600mm



Key	Item Number	Product Type
◆	CBS300/12	Cable Battery Starter Commercial 300mm
▲	CBS600/24	Cable Battery Starter Commercial 600mm



Battery boxes are a practical solution for safely housing batteries in a wide range of applications. Designed to shield batteries from environmental damage, accidental short circuits, and physical impact, they help improve overall safety. Whether used in marine, automotive, or off-grid setups, they provide a clean, organized way to manage power while keeping batteries secure and accessible.

Key	Item Number	Product Type	Internal Size	External Size	Suitability
●	BB285	Standard Battery Box	H:200mm W:190mm L:285mm	H:260mm W:275mm L:360mm	N50 Battery
◆	BB330	Large Battery Box	H:200mm W:190mm L:330mm	H:260mm W:250mm L:410mm	N50 or N70 Battery



Battery Power Box

- Digital Voltmeter
- Resettable Circuit Breaker
- Internal Size (mm) H:205 W:195 L:335
- External Size (mm) H:325 W:255 L:425
- On/Off Switch

Part No. MA98121 ●



BIRDS EYE VIEW



Battery Hold Down Bracket

- 160–175mm Battery Width
- 250mm Bolt Length

Part No. BHD18 ◆



Adjustable Battery Hold Down Clamp

- 115mm–175mm Battery Width
- 230mm Bolt Length

Part No. MA98105 ●



Small Battery Hold Down Clamp

- 127mm Battery Width
- 215mm Bolt Length

Part No. MA98100 ●



KEY: ◆ Available in Branch ▲ Available ex DC ● Available on order



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