

[illegible]

# NEW RANGE

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# LIGHT WHERE AND WHEN YOU NEED IT



# LED SOLAR

## 20W LED SOLAR STREETLIGHT KIT

This rugged and long lasting solar streetlight pack offers smart operation and high performance LED luminaires with limited maintenance requirements and easy "plug and light" installation.

1. Solar Panel - High Performance, Self-Cleaning
2. Technical Equipment - Endurance+ Battery and Regulator in Cast Aluminium Box
3. Galvanised Steel Box for Technical Equipment
4. Mechanical Support for Box
5. LED Luminaire
6. Powder-Coated Galvanised Steel Pole



FIND OUT  
MORE



COST  
EFFECTIVE



HIGH  
PERFORMANCE

### FEATURES

- Rugged and long lasting battery
- Smart Operation, programmed and safe
- High performance LED Lighting
- Service life up to 100,000hrs
- Limited maintenance

### APPLICATIONS

- Perfect for soft traffic areas such as:
- Pedestrian paths
- Bike paths
- Small parking lots
- Bus shelters

### TECHNICAL SPECIFICATIONS

CAT NO.	LEDSOLAR-ST20-COMBI1
SOLAR PANEL POWER	Minimum 60 Wp (360° adjustable)
BATTERY TECHNOLOGY	Endurance +, Lithium Iron Phosphate
LOCATION	In a box in Aluminium foundry, behind the solar panel
BATTERY CAPACITY	214 to 436 Wh
OPERATING TEMPERATURE	-20°C to +65°C
LIGHT HEIGHT	3.5m to 6m
POWER CONSUMPTION	5 to 20 W
LUMINOUS FLUX LEAVING	700 to 3600 lumens
LIGHT EFFICIENCY	140 lm/W (2200 K)
	160 lm/W (2700 K)
	165 lm/W (3000 K)
	180 lm/W (4000 K)
COLOUR TEMPERATURE	2200 K, 2700 K, 3000 K, 4000 K
MAST	Solar module and luminaire to be mounted on cylindrical-conical pole in top 60 or 76mm

## TRANSNET MONTHLY GIVEAWAY SUPPORTING KIWI BUSINESSES

We know our customers work hard and need powerful nutrition to keep them going, so this month we've partnered with Radix Nutrition for our locally made giveaway. Radix has a track record in NZ of providing nutritionally superior meals and

recovery smoothies designed to support the specific needs of athletes' bodies. Made from Ultra-Filtered Whey Protein Isolate, Ultra-Filtered Whey Protein Concentrate & Ultra-Filtered Milk Protein Concentrate, [radixnutrition.co.nz](http://radixnutrition.co.nz)

these protein powders are described as "the most effective, technologically advanced protein powder on the market". Not just delicious, they'll get you through storm season!



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AUTHORISED DISTRIBUTOR

## FULLY SEALED LV & ELV ELECTRICAL CONNECTIONS

### KEY FEATURES

- Quick, easy and clean installation
- Reliable water protection IP X8
- Loop-in/loop-out or branching kits available
- Boxes can be re-opened for easy maintenance
- Halogen-free and UV-resistant
- Compact design with wide application range for 6 mm<sup>2</sup> to 70mm<sup>2</sup> main cables
- Unlimited shelf-life, environmentally friendly, no labelling requirements
- Safe and easy installation - avoids tape and potential exposed live terminals
- Revolutionary PowerGel – Provides quick and easy installation and an excellent moisture seal over a wide temperature range



#### GELBOX-T2-1

GelBox Connector, 2 way  
2 x 6-70 mm<sup>2</sup> / 1 x 1.5-4 mm<sup>2</sup>



#### GELBOX-T3-4

GelBox Connector, 3 way  
3 x 6-70 mm<sup>2</sup> / 4 x 1.5-4 mm<sup>2</sup>



#### GELBOX-T4-4

GelBox Connector, 4 way  
4 x 6-70 mm<sup>2</sup> / 4 x 1.5-4 mm<sup>2</sup>





**ADVANCED  
PHOTO  
VOLTAIC  
TESTING**

## MI3115 PV ANALYSER PHOTOVOLTAIC TESTER

Test 1500 V photovoltaic systems in style. The MI 3115 PV Analyser offers testing in accordance with the IEC 62446 standard and supports all category 1 & category 2 tests and measurements.

### MEASURING FUNCTIONS

- 1500 V insulation resistance of strings
- Continuity of PE conductors
- Polarity test
- Isc and Uoc test
- I/U characteristics
- Wireless acquisition of irradiation and temperature of PV modules

### KEY FEATURES

- Insulation and I/U measurement of 1500V PV systems in one instrument
- Wireless (Wi-Fi) remote unit for measuring and logging of irradiation and cell temperature of PV modules
- Correction of previously wrong entered parameters on already executed measurement or group of measurements
- The instrument is controlled via a large colour touch screen display from which the user can prepare and start the selected test or measurement, store results, and review them in numerical and graphical form
- AUTOSEQUENCE



## MI3108 EUROTESTPV MULTIFUNCTION & PHOTOVOLTAIC TESTER

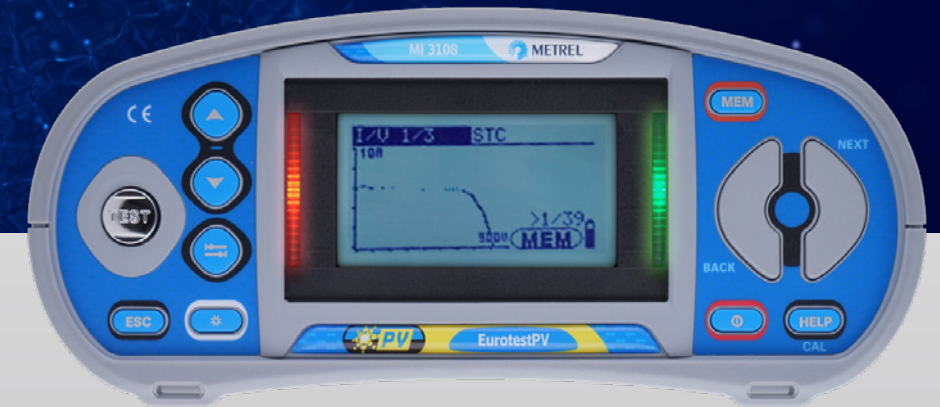
### PHOTOVOLTAIC MEASURING FUNCTIONS

Measurements on DC side of PV installation

- Voltage, current, power
- Uoc (Open Circuit Voltage) and Isc (Short Circuit Current)
- I - U curve of PV modules and strings
- Irradiance
- Module temperature

Measurements on AC side of PV installation

- Voltage, current, power
- Efficiency of PV module, inverter, PV system calculation



### KEY FEATURES

Photovoltaic installations:

- Calculation of STC values
- Graphical representation
- Power and efficiency measurements: 2 voltage & 2 current channels for simultaneous AC & DC parameters measurements

Electrical installations

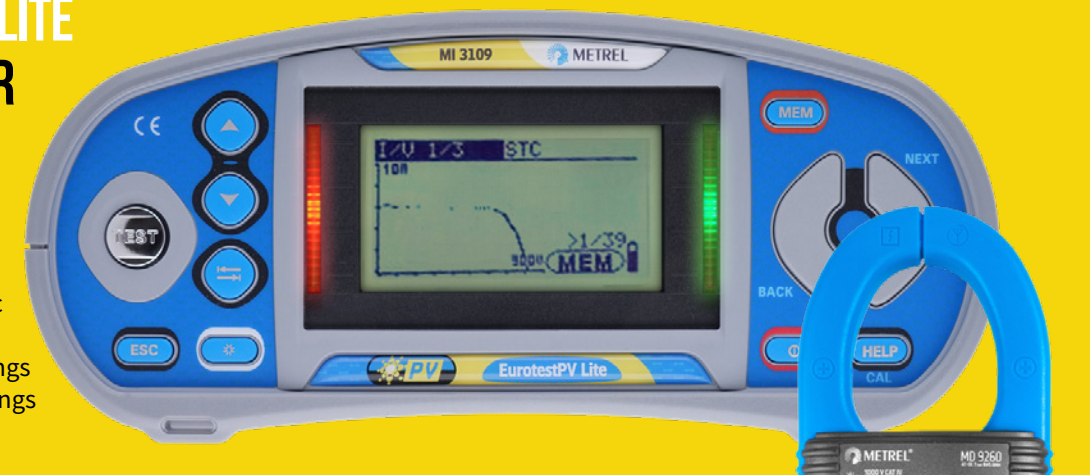
- RCD Auto (incl. B type RCD testing)
- Earth resistance measurement
- Scope function: real-time U/I scope
- Harmonics analysis

## MI3109 EUROTESTPV LITE PHOTOVOLTAIC TESTER

### KEY PHOTOVOLTAIC FUNCTIONS

Measurements on DC side of PV installation:

- Insulation resistance
- Continuity of PE conductors
- Uoc (Open Circuit Voltage) and Isc (Short Circuit Current)
- I - U curve of PV modules and strings
- Voltage, current and power of strings and inverters



## MD9260 PHOTOVOLTAIC CURRENT CLAMP

The MD 9260 is the first Metrel instrument to support measurements up to 1500 V with CAT III safety.

### KEY FUNCTIONS

- **1500 V DC range** with CAT III safety
- **TRMS** for accurate measurement of sine and non-sine signals

- **VFD**: low-pass filter for accurate frequency measurements of noisy signals
- High current range of **2000 A**
- **CAT III 1500 VDC** and **CAT IV 1000 V** safety
- Protection against **12 kV transients**
- **Crest** function catches peaks as short as 5 ms



# CONTACT US FOR MORE INFO





## HIGH DIELECTRIC STRENGTH RUBBER GLOVES

Incorporating high dielectric and physical strength, flexibility and durability, these gloves have earned a reputation for superior performance – meeting and exceeding the requirements of current ASTM D120 specifications.

### FEATURES

- Pure latex gloves manufactured under ISO 9001 & ISO 14001
- Certified to EN 60903
- Meets & exceeds ASTM D120
- Excellent strength & durability
- Acid resistant
- Ozone resistant
- Low temperature resistant
- Various cuff styles available
- Manufactured without use of solvents & hazardous chemicals with a proprietary aqueous dipping process
- Comprehensive range of classes, colours, lengths & sizes, including half sizes
- Arc Flash certified
- Fully tested before dispatch



**ACTIVARMR®**  
PERSONAL PROTECTIVE GEAR

\*On all new glove purchases



VIEW THE  
RANGE



ALSO AVAILABLE



GLOVE LINERS



LEATHER OVERGLOVES



Get these pits in the ground now and when it's time for the infrastructure the transition is **simple**, **fast**, and **cost effective**.

## EV CHARGER PEDESTAL PIT

FUTUREPROOF LOCATIONS FOR EASY INSTALLATION

### FEATURES

- Internal adjustment plate allows for 360° rotation after the concrete is set
- Adjustable mounting studs allow for up to 10 degree slope of ground – level quickly & without fuss
- Each EV Pedestal Pit can be used with single/double or quad charger pedestals
- EV Pedestal pits are the perfect placeholder to be EV ready so no invasive earthworks are required to install EV chargers later
- Safe for pedestrians while not in use
- Allows for future installations without messy reinstatement of pavements
- Fast and easy for electrician to install and terminate pedestal and chargers
- Lockable lid for security
- Easily reinstate lid if moving - take your chargers and pedestals with you
- Mounting bolts screw into the pedestal pit, so no risk of damaging concrete



### INSTALLING PEDESTAL PITS



**FUTURE  
PROOF  
YOUR  
CHARGING**

## USE WITH OUR EV PEDESTALS

- Powder coated Aluminium frame
- Visually appealing
- Standard Pedestal dimensions (mm): 1530H x 298W x 150D
- Sturdy base plate to fasten in place
- Customisable Perspex panels laser cut to fit desired charger configuration
- Designed with the electrician in mind, these units are very simple to work on
- Quality materials chosen for durability
- Designed and manufactured in NZ

### TRANSNET EV CHARGING PEDESTALS



INTERNAL ADJUSTMENT PLATE



The **key** to an easy future.



# REDUCE, REUSE, RE-CERTIFY

## Our Latest Sustainability News



### Auckland

78 Cryers Road  
East Tamaki  
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Ph 0800 442 182  
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Howick, Auckland

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### TransNet Tonga

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# DOING OUR BIT FOR THE PLANET

## TOITŪ



ISO 14064-1  
ORGANISATION

## ises major

## TOITŪ

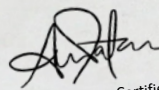


This is to certify that

**TransNet NZ Limited**

is Toitū carbonreduce organisation certified.

Toitū carbonreduce certified means measuring emissions to ISO 14064-1:2018 and Toitū requirements; and managing and reducing against Toitū requirements.

  
Ana Tatana — Certifier

Date issued: 20 March 2024 | Valid until: 20 March 2027  
Certificate Number: 20240881 | Certification Status: Certified organisation  
Company Address: 78 Cryers Road, East Tamaki, Auckland 1013, New Zealand  
Certification Year Level of Assurance: Reasonable for categories 1 & 2 and Limited for categories 3 & 4

Please refer to the disclosure page on [www.toitu.co.nz](http://www.toitu.co.nz) for further details.  
Toitū carbonreduce is an annual certification programme and this certificate only remains valid with an annual surveillance audit.

TOITŪ  
ENVIROCARE



## LEARN MORE

...d a 70-year-old woman died after  
...ng swept out to  
...ve" while walking

...d from the Wellington Harbour  
... along the Kohaihai River, in  
... Kahurangi National Park



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NEW ZEALAND OWNED