



# Bringing Solar Home to NZ Business



[www.entelargroup.co.nz/entelarenergy](http://www.entelargroup.co.nz/entelarenergy)

 **Harnessing the Kiwi Spirit**

# Entelar Energy: Your Trusted Local Solar Partner

Entelar Energy, a member of the Spark Group, is proud to be a New Zealand-based business dedicated to providing sustainable energy solutions. As Kiwis helping Kiwis, we understand the importance of developing solutions that address local conditions and challenges. That's why we prioritise building sustainable solutions that are designed to withstand New Zealand's unique environment.

At Entelar Energy, our hardware doesn't just deliver reliability—it enhances your bottom line. Our products are designed to be installed and forgotten, ensuring hassle-free operation and significant savings. With natural cooling, low failure rates, and no quick-wear parts, our systems are built to last, maximising your investment. Should you ever need assistance, our locally-based tech support is here to provide reliable help tailored to your needs.

**Experience the difference with Entelar Energy today!**



## Our products

# Entelar Energy Commercial Solutions

EESOLAR-29.9/40/50KTL-M3

## Smart PV Controller



Technical Specification	EESOLAR-29.9/40/50KTL-M3
Number of MPPT Tracker	4
Protection Degree	IP66
Warranty	10 Years
Operating Temperature Range	-25 to +60 °C
Standard Compliance	RCM, AS/NZS 4777.2, IEC 62109-1&2, AS/NZS 60947.3

EEDongleA-05

## WLAN-FE Smart Dongle



Technical Specification	EEDongleA-05
Max Devices Supported	10
Degree of Protection	IP65
Warranty	2 years on all accessories
Operating Temperature Range	-30 to +65 °C
Standard Compliance	RCM



# Entelar Energy: Why Choose Us?



## Performance

- High efficiency ratings maximise energy conversion, optimising your power output
- Dynamic MPPT (Maximum Power Point Tracking) for precise energy harvesting
- PID (Potential Induced Degradation) resistant design safeguards against panel performance degradation



## Safety

- Advanced AFCI (Arc-Fault Circuit Interrupter) technology detects and mitigates arc faults, minimising fire hazards and ensuring electrical safety.
- Intelligent overtemperature detection
- Anti-islanding protection: Automatically disconnects during grid failures, preventing back feeding, and ensuring safety for utility workers and equipment.



## Reliability

- Fuse free design - No quick-wear parts
- Comprehensive aging testing: Each unit undergoes extensive testing protocols to simulate real-world operating conditions and assess long-term reliability.

## ⚡ Application Software

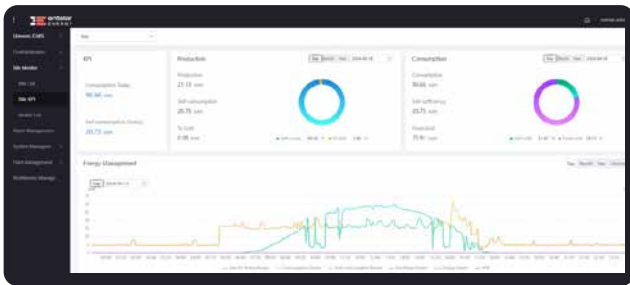
# Experience the Future of Solar Monitoring

## Your Gateway to Solar Insights

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Entelar Energy's Management System (EMS) offers seamless monitoring and management of your solar power plant via a user-friendly web portal and mobile app. Track your assets conveniently while ensuring data security and compliance with New Zealand's privacy laws.

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## ⚡ Streamlined Reporting

Our robust reporting functionality goes beyond basic data collection, providing comprehensive insights into your solar investment's return on investment (ROI).

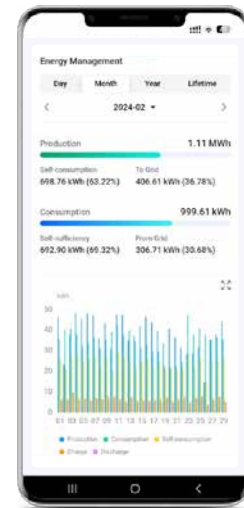
Whether you're tracking performance metrics or analysing financials, our EMS empowers you with the information you need to make informed decisions and optimise your solar assets.

## ⚡ Always Available

Say goodbye to unexpected downtime with our fault notification system, which promptly alerts you to any issues on your site, ensuring minimal disruption and maximum uptime. Plus, with unlimited cloud storage for your data, you can rest assured knowing that your valuable information is securely stored and readily accessible whenever you need it.

## ⚡ Total Transparency

At Entelar Energy, transparency is key, which is why our app comes with no hidden costs for accessing insights. From instant access to savings metrics per day, month, and year to comprehensive web portal reporting, our EMS puts the power of solar management right at your fingertips.





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From powering irrigation systems on farms to running machinery in factories, Entelar Energy offers a range of versatile and sustainable commercial inverters that can benefit businesses of all sizes and industries. Experience the transformative power of solar energy and unlock the potential for growth and success in your business.

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Operating hours – 8:30am – 5:00pm