



**Inno
Energy**



**BUILDING A
GREENER
TOMORROW.**

innoenergy.com.au



SHAPING THE FUTURE OF **AUSTRALIA** FOR THE BETTER

Introduction

Inno Energy, the parent company behind PCI Green Technologies, is an Energy Solution company, which has developed the next generation of LED lighting and Energy Storage using our Patented Super Thermal Resonance Heat Transfer Technology.

Our Patented Technology solves the fundamental issue of heat dissipation in all electronic products, which significantly affects its service lifespan and safety. Currently, we are implementing our technology in both LED Lighting and Energy Battery Storage, with plans for implementation for Data Servers and Solar Panel Cooling.

Our mission is to deliver the most high-quality, sustainable energy solutions. Our goal is to empower society to reduce its carbon footprint and contribute to a cleaner, sustainable and greener future.

Building the Future Together to make Australia Shine Brighter!

WORLD LEADING ADVANCED, SAFE, & ENERGY- EFFICIENT LED LIGHTING



SUPERIOR PERFORMANCE

Inno Energy has developed a new generation of energy-efficient LED lamps, which is about to achieve the highest energy-saving rate, the highest heat dissipation capacity, world-leading safety, the lightest weight, the highest light transparency, the least light decay and the longest service life.

Our lights are up to 70% more efficient than traditional high-pressure sodium lights, and up to 30% more efficient than traditional LED lights.

LOW MAINTAINENCE

Our LED Lamps have a service life of 10 Years - lasting twice as long as traditional LED Light. Whilst, also having a class-leading low 2% annual light decay rate compared to 10% for traditional LED and 30% for high-pressure sodium lights.

PRODUCT MATURITY

Our technology has been implemented and tested globally in several Cities, International and Domestic Airports, Ports, Harbour Docks and Sports Fields.

TECHNOLOGICAL ADVANCEMENTS

Inno Energy and PCI Green are certified UNSW R&D partners and also a partner of the Australian Renewable Energy Agency (ARENA) Project.



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WORLD LEADING ADVANCED & SAFE BATTERY STORAGE SOLUTION



OVERVIEW

Inno Energy Group has pioneered the next generation of Battery Storage, specifically tailored to tackle the safety and efficiency challenges prevalent within the Battery Storage industry. Our Battery Storage solution is fully compliant with Australian safety regulations and offers a multitude of advantages over our competitors, including an unparalleled commitment to safety, superior battery performance and efficiency, extended service life, reliability, and easy installation.

CUTTING-EDGE SAFETY SYSTEM

Due to our precise temperature control down to a cell level, our system boosts the highest level of safety. In the event of a high cell temperature present, the system can rapidly cool it from 90°C to 40°C in a very short period, thus mitigating the potential hazards associated with battery combustion and explosions caused by thermal runaway. Furthermore, our battery system features a pack-level automatic fire suppression system, further improving the overall product safety.

INTELLIGENT BATTERY THERMAL MANAGEMENT SYSTEM

Our advanced temperature management systems play a vital role in ensuring the battery is within the optimal temperature range of 25°C to 45°C, prolonging the designed lifespan of the battery. It also controls the temperature between cells to be within 2°C, which enhances the efficiency and lifespan of our energy storage system.



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