



The Power *to Change Our World*

Rhombus 
Energy Solutions

CONTRACTED PRODUCT DEVELOPMENT | PRECISION TESTING SYSTEMS
DISTRIBUTED ENERGY SYSTEMS | ENERGY STORAGE

Next Generation Power Conversion and Testing Products

Robust scalable power converters/inverters

Power conversion stages customized into systems

Field proven in hundreds of global installations

Ranging from 2 kW to more than 1 MW

Regenerative active test load systems

Bi-directional energy storage inverters

Bi-directional, isolated, DC to DC converters

All along the world's energy supply chain, you'll find Rhombus Energy Solutions innovating energy management for today and tomorrow. Rhombus uniquely possesses the intellectual capital to overcome increasingly complex energy control challenges. From robust standard or semi-customized products to complete end to end contracted development services, Rhombus delivers power conversion and energy management solutions designed to address challenges created by the new distributed energy paradigm. Our customers can take advantage of the unprecedented diversity in electric power conversion products, integrated solutions and decades of innovation.



Our robust, scalable power converters, photovoltaic and energy storage inverters range from 2 kW to over 1 MW and are field-proven in hundreds of installations around the world. Rhombus integrates subsystems into larger product platforms to create total solutions for you. Solutions that build flexibility and deliver turnkey results or joint development strategies that are distinctively revolutionary. Our bi-directional, low-voltage and high-current battery cycling systems interface with the fully equipped, high-power energy lab to test and validate power conversion systems.

Complete Design, Development and Manufacturing Services

Rhombus Energy Solutions' engineers can serve as an extension of your product development team to advance your ideas from concept to reality. Rhombus provides economical mechanical, software and electrical design support from our in-house design center in Mumbai, high power engineering in Detroit, and low power/high efficiency innovation in San Diego. We partner with a high-volume manufacturing plant in Southeast Asia, giving us the capabilities of a complete solutions provider.

Complex power solutions require **custom-developed power electronics solutions that exceed existing products capabilities and approaches**. We bring innovation and decades of experience matched with unparalleled engineering expertise.

PRODUCT DEVELOPMENT PROCESS



SPECIALTY IN POWER ELECTRONICS / RENEWABLE ENERGY ENGINEERING

Grid interactive inverters/converters up to 250 kW

Battery management systems (BMS)

Cloud-based, remote data acquisition, analytics, telemetry systems

Industrial bi-directional motor drives

Phase converters

Renewable applications for power conversion

Programmable custom power supplies and electronic loads

Level I, II or III battery chargers from 2 kW to 70 kW

Energy storage systems

Micro-turbine power converters

EV battery and fuel cell controls

Uninterruptable power supplies (UPS)

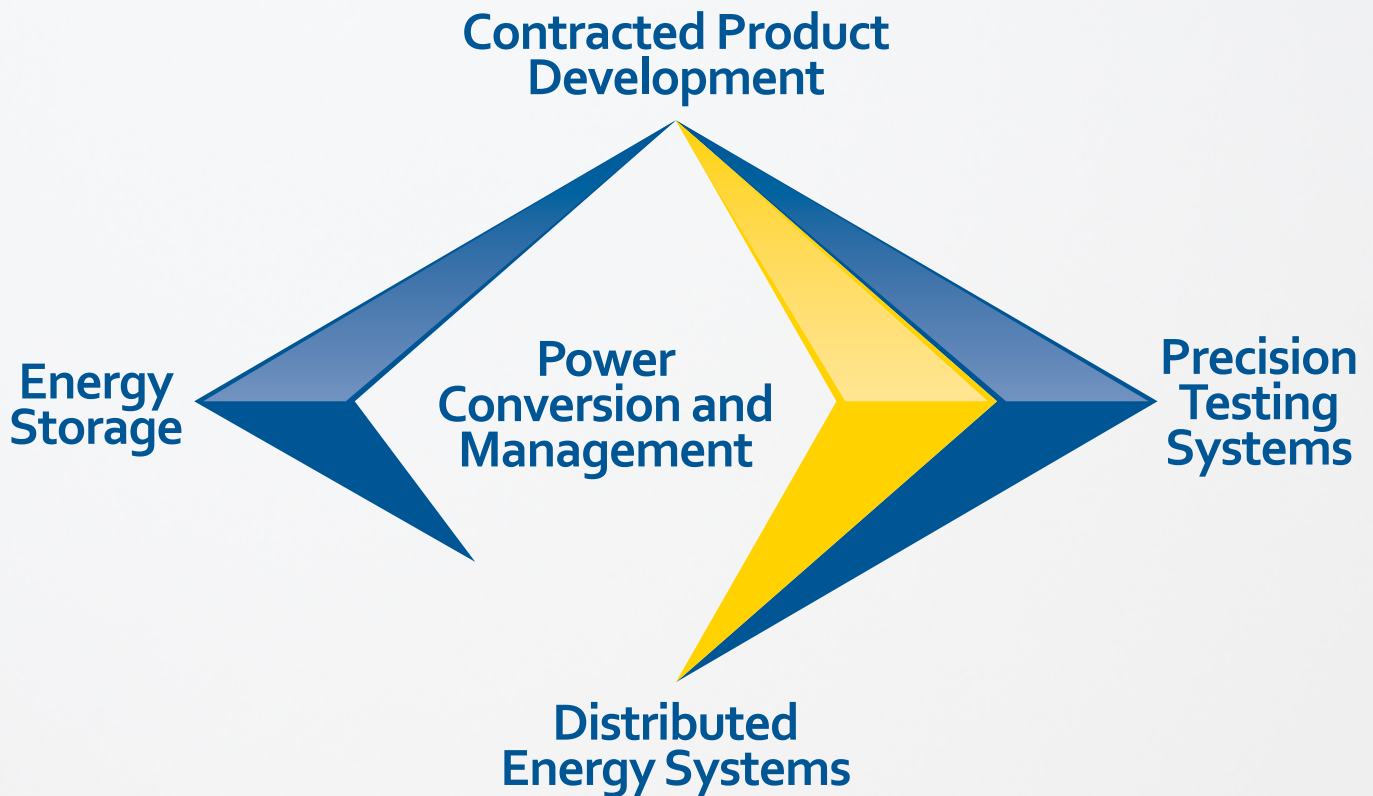
Regenerative battery cycling testers

Grid simulators

High-power lab for UL 1741 and anti-islanding testing

Together, we possess the power to change our world.

Founded by industry-leading professionals, Rhombus Energy Solutions is led by a powerhouse team of unmatched industry experience and scientific expertise. Our engineers uphold the integrity of superior power products and advanced systems.



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Product Design and Development

Dearborn, Michigan

High Power Products

Mumbai, India

Mechanical and Industrial Engineering Design

Shenzhen, China

High Volume Manufacturing

Hong Kong, China

Vietnam Strategic "Go-to-Market" Partnerships



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