

Microgrid Product Range





Who Are We?

PowerLink Microgrid is a division of PowerLink Energy, focused on providing cutting-edge energy solutions for small and medium-sized enterprises (SMEs).

Diverse Market Applications

PowerLink Microgrid's solutions are designed for a **variety of sectors, including hospitality, residential, agricultural** and more. With power capabilities of **up to 500 kW**, our battery systems efficiently support businesses of all sizes, from small cafés to large commercial applications.

Hybrid Energy Integration

Our solutions **seamlessly integrate with various energy sources, including solar, diesel generators, battery storage, and grid power**, ensuring a reliable and uninterrupted electricity supply.

Cost Efficiency

Our products are designed for optimised energy use, employing an **advanced HMI screen with built-in Energy Management System** that helps businesses to reduce costs by using energy trading.

User-Friendly Installation

The compact, **all-in-one design** allows for plug-and-play installation, enabling quick setup and hassle-free management without extensive technical expertise.

Our Product Range



RHE

Compact residential
batteries up to 115 kWh



CHE

Scalable commercial
batteries up to 2080 kWh



IHE

Robust industrial
batteries up to 2912 kWh



Solar Panels

Versatile solutions for
every industry

RHE Series



***IP54 rated Units**



Revolutionary Energy Solution:

Our RHE Series offers **residential** customers, as well as **small and medium-sized enterprises**, a clean, quiet, and cost-effective power solution **up to 100 kW** that addresses rising energy costs via **easy energy trading**.



Smart and Flexible Integration:

With optimised energy use, **seamless integration with multiple energy sources**, and easy **plug-and-play** installation, our RHE battery system ensures uninterrupted electricity supply while promoting sustainability.

RHE

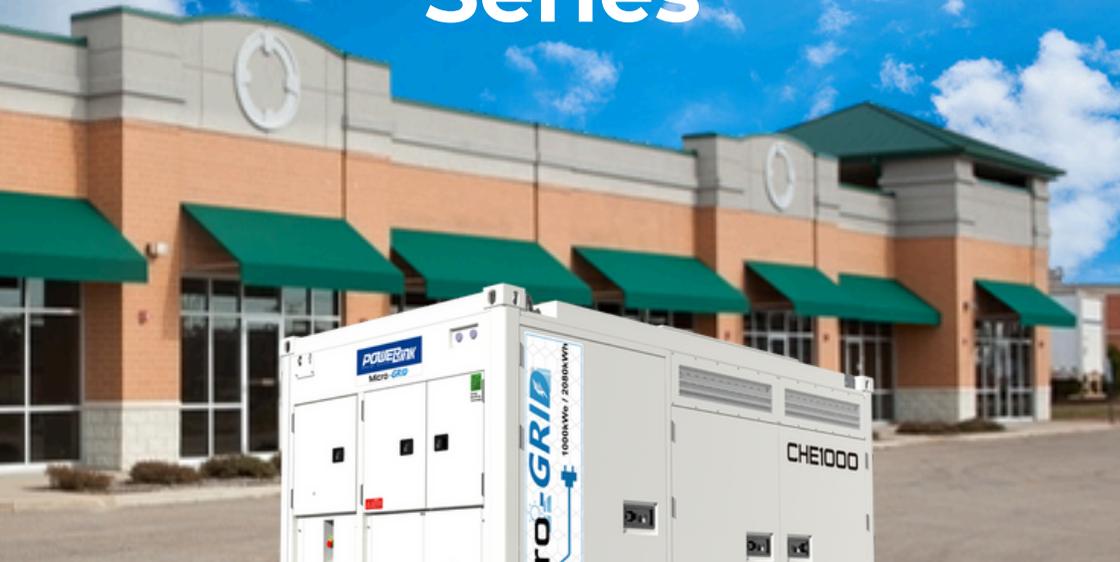
Series Specifications



	RHE12S	RHE12S3	RHE24S3
Rated Power (kVA/kW)	12	12	24
Voltage (V)	220 230 240	380 400 415	380 400 415
Current (A)	64 61 68	18 17 16	43 40 39
Phase	1	3	3
Power	1	1	1
Dimensions (mm)	1400x800x1200	1400x800x1200	1400x800x1200
Dry Weight (kg)	950	950	1135
Noise Level (dBA@7m)	50	50	50
PV Rated Power (kWp)	18	21	36
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Capacity (kWh)	30.7	30.7	40.96
Cooling System	Air-cooled	Air-cooled	Air-cooled

	RHE30S3	RHE60S3	RHE100S3
Rated Power (kVA/kW)	30	60	100
Voltage (V)	380 400 415	380 400 415	380 400 415
Current (A)	46 43 42	91 87 83	152 144 139
Phase	3	3	3
Power	1	1	1
Dimensions (mm)	1500x1000x1400	1600x1100x1600	1600x1100x1600
Dry Weight (kg)	1662	3000	4000
Noise Level (dBA@7m)	50	50	50
PV Rated Power (kWp)	38.4	76.8	153.6
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Capacity (kWh)	62	92	115
Cooling System	Air-cooled	Air-cooled	Air-cooled

CHE Series



***IP54 rated Units**

Energy saving for Commercial, made simple

Our CHE Series is designed for **larger commercial applications**, providing a robust and efficient energy solution that meets the demands of high-capacity operations. With an **advanced Energy Management System** and seamless integration with renewable energy sources, the CHE Series delivers reliable, cost-effective, and sustainable power of **up to 1000 kW** for businesses seeking to optimise their energy use.

CHE

Series Specifications



	CHE125	CHE250	CHE500
Rated Power (kVA/kW)	125	250	500
Voltage (V)	380 400 415	380 400 415	380 400 415
Current (A)	190 180 174	380 361 348	760 722 696
Phase	3	3	3
Power	1	1	1
Dimensions (mm)	2350x1100x1750	3800x1800x1850	4030x2130x2427
Dry Weight (kg)	3700	7000	13173
Noise Level (dBA@7m)	58	58	58
PV Rated Power (kWp)	100	200	200
Battery Type	LiFePO4	LiFePO4	LoFePO4
Battery Capacity (kWh)	237	520	1040
Cooling System	Liquid-cooled	Liquid-cooled	Liquid-cooled

	CHE750	CHE1000
Rated Power (kVA/kW)	750	1000
Voltage (V)	380 400 415	380 400 415
Current (A)	1140 1083 1043	1519 1443 1391
Phase	3	3
Power	1	1
Dimensions (mm)	6058x2438x2591	6058x2438x2592
Dry Weight (kg)	15500	18000
Noise Level (dBA@7m)	58	58
PV Rated Power (kWp)	200	200
Battery Type	LiFePO4	LiFePO4
Battery Capacity (kWh)	1560	2080
Cooling System	Liquid-cooled	Liquid-cooled

IHE Series



***IP54 rated Units**

Power at Industrial Scale, made simple

Our IHE Series is engineered for **heavy-duty industrial applications**, offering a powerful and scalable energy solution built to handle the most demanding operations. With capacities of **up to 1350 kW**, the IHE Series combines advanced Energy Management Systems with seamless integration of renewable energy sources, ensuring reliable, cost-effective, and sustainable power. Ideal for large-scale industries, the IHE Series delivers the strength and efficiency required to keep critical operations running at full capacity

IHE

Series Specifications



	IHE200	IHE400
Rated Power (kVA/kW)	200	400
Voltage (V)	380 400 415	380 400 415
Current (A)	365 346 334	729 639 668
Phase	3	3
Power	1	1
Dimensions (mm)	2000x1500x2200	2000x1500x2200
Dry Weight (kg)	8000	14000
Battery Type	LiFePO4	LiFePO4
Battery Capacity (kWh)	416	416
Cooling System	Liquid-cooled	Liquid-cooled

	IHE900	IHE1350
Rated Power (kVA/kW)	900	1350
Voltage (V)	380 400 415	380 400 415
Current (A)	1641 1559 1503	2461 2338 2254
Phase	3	3
Power	1	1
Dimensions (mm)	7000x1500x2200	10000x1500x2200
Dry Weight (kg)	32000	45000
Battery Type	LiFePO4	LiFePO4
Battery Capacity (kWh)	2080	2912
Cooling System	Liquid-cooled	Liquid-cooled

Solar Panels



Energy for every need: temporary, mobile, or tracking-enabled solutions.

Our solar product range combines innovation, energy efficiency, and deployment flexibility to deliver sustainable solutions for temporary, remote, and industrial settings.

Quick Comparison

Model	Total Power	Deployment Type	Ideal For
CRSP7000	7 kWp	Automatic, foldable	Portable housing, construction camps
PSP6000	6 kWp	Flat, portable folding	Mobile industrial and PV station use
STS6000	6 kWp	Dual-axis tracking system	Agriculture, mining, remote areas

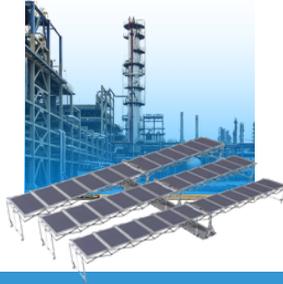
Portable Solar Solutions – PowerLink Microgrid

CRSP7000



COff-grid Portable Housing with Solar

PSP6000



Portable and Flexible PV System

STS6000



High-Efficiency Tracking Solar

Output: 7 kWp
Best for: Temporary housing, construction sites

Bifacial panels with integrated shelter

Remote-controlled folding array

Plug-and-play installation on a 20 ft base

Daily generation: Up to 42 kWh

Output: 6 kWp
Best for: Mobile energy stations, industrial support

Flat, foldable layout for easy transport

Full setup kit included

Compatible with diesel, grid, and hybrid systems

Daily generation: Up to 36 kWh

Output: 6 kWp
Agriculture, mining, and isolated sites

Dual-axis tracking with GPS calibration

Up to 30% higher yield compared to fixed arrays

Remote EMS monitoring with ultra-low power use

Site dependent

All models are designed for quick installation, reliable off-grid operation, and long-term durability. They integrate seamlessly with existing infrastructure and can be supported with ongoing service and maintenance packages.

powerlinkenergy.com.au

If you have any queries,
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