

FAZE THREE

New For 2024



Product Overview

Renewable energy systems, such as solar PV panels, generate electricity based on sunlight availability, leading to mismatches between energy production and usage. Excess energy, often sent back to the grid, represents a missed opportunity for savings.

The FAZE THREE effectively tackles this challenge with its design centered on simplicity. Manufactured in the UK, it boasts an LED bar for each phase to show the power output. FAZE THREE is fully compatible with all batteries, and features a manual boost button for enhanced control. FAZE THREE diverts any excess solar energy towards heating water, making use of the already present immersion element for efficient energy utilization.

FAZE THREE is built to last, manufactured with the highest quality components. Our patented technology makes FAZE THREE the most efficient power diverter available. The core technology has been refined over the past decade to deliver class leading performance. This is backed by a 5 year hassle free warranty.

By transforming surplus solar electricity into heat energy, the FAZE THREE significantly cuts down on reliance on conventional energy sources and diminishes utility bills. It is an indispensable tool for anyone aiming to enhance their renewable energy systems for optimal energy utilization and financial savings.

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PowerFlow Energy® is a registered trade mark of PowerFlow Energy Ltd.
Dynamic Load Control, a technology embedded within FAZE OEM is a
Patented technology of PowerFlow Energy Ltd.
UK Patent Number: GB2539369

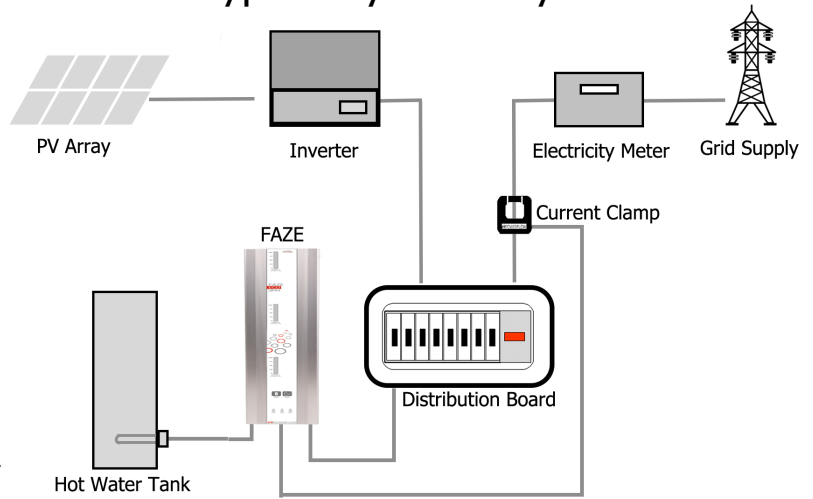


Main Features

- LED Output Display Per Phase
- Battery Compatibility Button
- Manual Boost Button
- Sealed Aluminum Enclosure
- Plug & Play Power Connections
- 200ms Measurement Frequency
- Convective Cooling
- UK Based Technical Support
- Up to 5 Year Warranty

INSTALLATION NOTE: FAZE THREE can be mounted next to either the consumer board or the hot water cylinder for flexible installation

Typical System Layout



| | |
|--|------------------------------|
| Total Output Power | 12kW |
| Output power: Max / Nominal | 12kW |
| Maximum Output Current | 20A Per Phase |
| Phase Operation | Three Phase |
| Voltage Range / Frequency | 197V—270V / 50Hz |
| Compatible Generator Type | Solar PV / Wind / Hydro |
| Recommended minimum renewable generator size | 24kW |
| Output Load | Resistive Only |
| Output Control Range | 5% - 100% |
| Minimum export power level / Export tracking range | 0w - 25w |
| Dimensions (without connectors) (L / W / H) mm | 530 / 170 / 54 |
| Weight | 8kg |
| Noise Emissions | <10dBA |
| Self-consumption (night) | 24mA |
| Degree of protection | IP20 |
| Operating temperature range | -10 °C to +60 °C |
| Cooling concept | Convective Cooling |
| Efficiency | 98% |
| Compliant Standards | CE / RoHs / BS EN: EMC / LVD |
| Maximum MCB Size | 25A |

*Warranty subject to terms and conditions, see latest warranty documentation for full details.

Product specification subject to change without notice.

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