

eddi and iBoost+ compared



Feature	eddi	Solar iBoost+	Benefit
Self-powered wireless sensor option	✓	✗	eddi can be used with an optional wireless sensor called harvi . The patent pending technology does not require batteries or any electrical wiring
Fan-less cooling	✓	✗	eddi operates silently; its high efficiency and large heatsink eliminates the need for a fan
Bypass switch	✓	✗	An integrated bypass switch enables water heating in the unlikely event of failure of the eddi unit
Compatible with battery storage	✓	✗	eddi can be set to avoid unwanted discharge of an onsite battery storage system (requires an extra CT sensor). Priority can be set between the battery system and the eddi
Graphical backlit display	✓	✗	eddi benefits from a clear graphical display, which shows the flow of power to and from the grid as well as to the heater. With the addition of an extra sensor, the generation and house consumption figures can also be shown
Easy on-site fault diagnosis	✓	✗	eddi features mains indicators for both the supply and heater outputs, used in combination with the bypass switch, it is easy to determine if there is a fault with the heater or eddi unit without an electrician needing to attend site
Rapid response	✓	✗	eddi responds to changes in surplus power at least 10 times faster, making the eddi much more efficient
Short-circuit protection	✓	✗	eddi has guaranteed integral short-circuit protection in case of immersion heater failure
Relay & Sensor Board option	✓	✗	The optional Relay & Sensor Board provides two multifunctional relays, an economy tariff sensing input and two temperature probe inputs. This allows for more complex installations; <ul style="list-style-type: none"> • Immersion control with heat pumps • Electric underfloor heating systems • Multi-tariff metering (e.g. economy 7) • Export threshold control for switching on/off other appliances • Pump operation • Boiler control • Fault signal for building management systems
Multiple devices can be wirelessly linked	✓	✗	eddi can be linked to several other eddi devices or other myenergi products to provide a complete energy management system
varisine™ technology	✓	✗	This power control technology, gives fast smooth automatic power adjustment, it will not cause interference with other appliances or affect the operation of inverters. The output from the eddi is always a sine wave and is compliant with EMC standard EN 55014-1
Maximum load rating (kW)	3.7	3.0	As eddi is a 16A device, it supports heaters rated up to 3.7kW
Warranty (years)	3	2	eddi is covered by a comprehensive 3-year manufacturer's guarantee
Future proof	✓	✗	eddi can be updated remotely with the myenergi hub . Features such as remote monitoring and control via an mobile app and Demand Side Response capability, are planned to be added soon