

News release: May 21, 2018

Victron Energy aims for large-scale storage projects with new MultiPlus-II battery inverter-charger

Global energy system specialist [Victron Energy](http://www.victronenergy.com) this week unveils its latest battery inverter/charger, the MultiPlus-II, at the Australian Energy Storage Conference and Exhibition in Adelaide.

The MultiPlus-II comes with a new-look stylish steel enclosure, the largest internal electronics redesign in more than a decade and a lower production cost, which makes the product much more competitive, especially in large, grid-scale energy projects.

Victron is unveiling its first model in the range, the MultiPlus-II 48/3000/35-32 230V, at Australia's largest dedicated energy storage show because of the country's rapid embrace of energy storage systems, from residential batteries to the 129-megawatt-hour Tesla "big battery" in South Australia.

Victron MultiPlus-II inverter-chargers are available through the [company's global distribution network](#) including Australia, Europe, Africa, Asia and the Americas. The MultiPlus-II 48/3000/35-32 230V already complies with the Australian Standard for grid-connected inverters (AS 4777) and is certified in an increasing number of other countries.

Victron Energy BV Managing Director Matthijs Vader said the redesign of its flagship inverter/charger aimed to meet new demands in the market. "We've delivered a better product at a lower price to make MultiPlus-II attractive for large-scale energy storage projects," he said.

"As well as a new look and a flatter form factor, the MultiPlus-II has redesigned its proven electronics to take advantage of miniaturisation while complying with emerging energy industry standards such as a built-in double-relay to enable 'anti-islanding' for safe interaction with energy grids."

Victron Energy BV is a 43-year-old company based in the Netherlands that has established a global reputation as a manufacturer of robust and reliable components for autonomous power generation and solar systems. With its MultiPlus, Quattro, ECOMulti and now the new MultiPlus-II inverterchargers, the company continually innovates to deliver value into the energy storage sector.

The MultiPlus-II is a 48-volt inverter/charger that readily connects with a wide range of energy storage systems, from lead-acid and lithium-based batteries to zinc-bromine flow batteries. The unit is easier to install than earlier models with AC connections accessible via a single plate on its base. The 18kg MultiPlus-II draws just 11 watts of standby power, less than half that used by the model it supersedes.

As with all Victron inverterchargers, the MultiPlus-II is a transformer-based system, which can immediately deliver backup power if the grid drops out, including start-up supply for high-demand devices such as air conditioners and freezers. The MultiPlus-II has optional Internet-enabled remote monitoring, both through a secure Victron portal or authenticated third party applications. This remote monitoring enables the 24/7 performance logging of connected batteries. The MultiPlus-II 48/3000/35-32 230V costs AU\$1979 in Australia, US\$1384 in the US, €1240 in Europe and £1085 in the UK.

Mr Vader said he expected strong demand for the MultiPlus-II range. "In Australia, we cost less than half the price of competing comparably-featured battery inverterchargers," he said.

"Victron already has a strong presence in the off-grid market, where robust performance and reliability are at a premium, while the improved feature set, standards compliance and lower production costs position the MultiPlus-II well for grid-connected applications, especially in larger projects, such as distributed energy storage systems that can both supply energy to individual houses and, collectively, deliver energy to the grid as an on-demand 'virtual generator'.

"This is an emerging market need that Victron is looking to supply globally."

[Click here for technical details about the Victron MultiPlus-II.](#)

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About Victron

Victron Energy is a global company with a reputation for technical innovation, reliability, and build quality. Victron products, which excel at efficiently combining two or more distinct power sources, are recognised internationally as the professional choice for resilient energy storage systems. Victron products include sinewave inverters, sinewave inverters/chargers, battery chargers, DC/DC converters, transfer switches, battery monitors and more.

