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SOLAR CUBE STAND-ALONE POWER SYSTEM RECOGNISED IN AUSTRALIA'S INTERNATIONAL GOOD DESIGN AWARDS

- Australia's 2021 Good Design Awards recognises Boundary Power's industry leading innovation and design in stand-alone power systems.
- Boundary Power's Solar Cube stand-alone power system awarded excellence in Engineering Design.
- The Solar Cube stand-alone power system can be easily deployed and ready to export energy in under 90 minutes, anywhere in Australia.

Boundary Power, Ampcontrol's joint venture partnership with West Australian utility Horizon Power, has been awarded a 2021 Good Design Award in Engineering Design for its Solar Cube stand-alone power system (SAPS).

Ampcontrol Managing Director and CEO, and Boundary Power Director, Rod Henderson said this was an outstanding achievement for the joint venture which had only launched in late 2020.

"The Solar Cube is the only SAPS of its kind in Australia that can be deployed and ready to export energy in under 90 minutes," Henderson said.

"Its innovative modular design means the Solar Cube can be factory preassemble to fit standardised shipping container specifications for easy transportation.

"With no site works required, deployment can occur immediately, making the Solar Cube well suited to support emergency services in their rapid response and recovery from major disasters such as fires, floods and storms."

The Good Design Awards judging panel said the Solar Cube was a great example of an innovation led solution to support the increase in deployment of renewable energy into the Australian energy network.

The panel added that the Solar Cube brings important enhancements like its rapid deployment, and has immediate application for remote locations, delivering a valuable power source to those who need it.

The Solar Cube offers power utilities an innovative utility-grade solution for remote or hard to reach communities where the cost to maintain and upgrade traditional poles and wires infrastructure can be significantly higher.

For remote and isolated communities which can be difficult to access, the Solar Cube's stand-alone power capabilities can provide continuous, high quality, reliable power quickly.

The Australian Good Design Awards is the country's oldest and most prestigious international awards for design and innovation. The Awards celebrate the best new products and services on the Australian and international market, and this year attracted a record number of submissions with 933 design projects.

To find out more about Boundary Power's Solar Cube and other stand-alone power solutions contact enquiries@boundarypower.com.au.

Ends.

Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors. Founded in Newcastle NSW in 1968, Ampcontrol has grown to over 850 employees across 30 operations worldwide.

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About Ampcontrol

- Ampcontrol is Australia's largest privately-owned electrical engineering company leading advanced global manufacturing of award-winning innovations, products, solutions and service to the resources, infrastructure and energy sectors.
- From humble beginnings founded by four friends in a small shed in Newcastle in 1968, Ampcontrol has grown to over 850 employees across 30 operations worldwide.
- Ampcontrol co-founder, Peter Cockbain AM, is named by Engineers Australia as one of Australia's top 100 influential engineers and in 2015 he became a Member of the Order for Australia for his significant services to engineering.
- Locations include New South Wales, Queensland, Victoria, South Australia, Western Australia, Northern Territory, ACT, Asia, India, Mongolia, UK, and France.
- Consists of 6 member companies; Ampcontrol, Captech, CPS National, ResTech, Verico Group, and Austech.
- The largest operation is located in the Hunter, NSW, with a combined manufacturing space totalling over 21,000sqm spread over 10 different sites.
- Designed and built lifesaving emergency ventilator prototypes for the NSW Government in response to the COVID-19 pandemic.
- Developed the world's first IECEx certification for an explosion protected, hermetically sealed, nitrogen filled and pressurised mining transformer.
- Developed the industry's first 132kV emergency response mobile substation that has received RTA approval as a new special class type of vehicle due to its innovative design and ability to meet all road safety requirements.
- Developed Australia's first variable speed drive (VSD) installed on a longwall armoured face conveyor in Moranbah North Longwall.
- Designed and developed a breakthrough remote water treatment system that transforms undrinkable water into pure water. Pilot project currently installed in a remote indigenous community in Gillen Bore, Northern Territory.

MULTI-AWARD WINNING ENGINEERING, DESIGN, AND INNOVATION

- 2020 Hunter Business Award for Excellence In Innovation & Adaptability for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Collaboration Partnership for 'Emergency Ventilator Project'
- 2020 Hunter Manufacturing Award for Manufacturing Pivot for 'Emergency Ventilator Project'
- 2020 Lake Macquarie Business Excellence In Innovation for 'Emergency Ventilator Project'
- 2020 Consult Australia Awards for Excellence for Technological Innovation for 'Gilghi'
- 2020 [Institution of Civil Engineers](#) Chris Binnie Award for Sustainable Water Management for 'Gilghi'
- 2020 Engineering Excellence Award Newcastle Division for 'Gilghi'
- 2020 Good Design Award winner for Social Impact for 'Gilghi'
- 2020 NSW Mining Supplier of the Year
- 2020 Australian Water Association NSW Water Infrastructure Project Innovation Award for 'Gilghi'
- 2019 Hunter Business Excellence Award for Innovation' Gilghi'
- 2019 Good Design Award winner for Product Design – Commercial and Industrial for 'Rockstarter'
- 2019 Good Design Award winner for Engineering Design for 'Rockstarter'
- 2019 Scottish Engineering Awards – President's Award winner
- 2019 Lake Macquarie Business Excellence Award for Innovation for 'Gilghi'
- 2019 Mine Electrical Safety Conference Innovation Award for AFC VSD Moranbah North Longwall Project
- 2018 HunterNet Chairman Awards Excellence In Work Health Safety
- 2018 Hunter Business Awards Excellence In Business (20+ employees)
- 2018 NSW Minerals Council Outstanding Supplier for 'H3RO'
- 2017 Hunter Manufacturing Awards Excellence In Product Design for 'VoiceComm Phone'
- 2015 Engineers Australia Newcastle Engineering Excellence Award for 'Arc Fault Venting – Simulation and Practice'
- 2013 Australian Engineering Excellence Award winner for Engineering Innovation' Management of VSD earth leakage currents in fault limited networks'
- 2010 Australian Engineering Excellence Award winner for Engineering Excellence' Blakefield South 11kV longwall in partnership with Xstrata Coal and Joy Global'
- 1998 Australian Engineering Excellence Award winner for Engineering Excellence 'iMAC'