

For immediate release: Monday 18 October 2021

AMPCONTROL ENERGY SOLUTIONS AWARDED MULTIPLE 2021 HUNTER MANUFACTURING AWARDS

- **Winner 'Excellence in Product Design' for rapidly deployable Stand-Alone Power System**
- **Winner 'Collaboration Partnership' for hybrid diesel-electric boat**

Ampcontrol has been awarded 'Excellence in Product Design' and 'Collaboration Partnership' at the 2021 Hunter Manufacturing Awards.

The Boundary Power Solar Cube, a rapidly deployable Stand-Alone Power System (SAPS) received the accolade for Excellence in Product Design. Ampcontrol collaboration with Steber International and The University of Newcastle to develop a hybrid diesel-electric boat was recognised in the 'Collaboration Partnership' category.

Excellence In Product Design

Rapidly deployable Stand-Alone Power System, Solar Cube

Boundary Power is a joint venture collaboration between Ampcontrol and Horizon Power. It combines both parties' design, construction, deployment, and operations expertise to deliver a new, innovative series of stand-alone power system solutions to the market.

The Solar Cube solution is a self-sufficient power generation unit that incorporates solar photovoltaic panels, inverters, battery storage technology and a back-up generator, making it possible to replace traditional poles and wires networks with an off-grid, clean power solution.

A result of thoughtful engineering and manufacturing, the Solar Cube 90 minute rapid deployment methodology represents one of its most innovative features, differentiating it from other stand-alone power system solutions currently in the marketplace.

Commenting on the Excellence In Product Design win, Ampcontrol Managing Director & CEO and Boundary Power Director Rod Henderson said, "We are absolutely thrilled for our Solar Cube to be recognised for its excellence in product design at the Hunter Manufacturing Awards.

At Ampcontrol, we have been designing and manufacturing innovative products for over 50 years that make a meaningful difference to people's lives and communities worldwide. Through our partnership with Horizon Power, Boundary Power is designing evolving technologies and solutions that are leading Australia into renewable energy generation."

Collaboration Partnership

Hybrid Diesel-Electric Boat

In an example of the immense benefits of industry, government and education uniting, a collaborative partnership between Ampcontrol, The University of Newcastle and Steber International developed a hybrid diesel-electric boat in late 2020.

Leaders in Australian boat manufacturing and industrial composite technology, Steber International approached Ampcontrol in 2018 requesting assistance to develop a prototype hybrid police boat. Ampcontrol's leading technology and engineering expertise were applied to the project to leverage the silence of the electric power system, enabling a whisper-quiet mode for operations requiring some stealth.

Commenting on the second award win at the event, Henderson added, "The hybrid diesel-electric boat project is an excellent showcase of what can be enabled when you bring together the great minds, capabilities and ingenuity of university, industry and government bodies – and all done right here in Australia.

As the world adjusts to the global pandemic, it is fantastic to see a renewed focus on local manufacturing and a carbon reduced future; thank you to the Hunter Manufacturing Awards for continually championing our industry and region. We are honoured to receive these two awards acknowledgements together with Boundary Power, Horizon Power, Steber International and the University of Newcastle", concluded Henderson.

For more information on Solar Cube and Boundary Power's diverse range of stand-alone power system solutions, [click here](#).

For more information on the collaborative partnership underpinning the design of a hybrid diesel-electric powered boat, [click here](#).

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.

Media Contact

Crystal Bergemann, Ampcontrol, Group Manager – Communication & Stakeholder Engagement

02 4961 9000 or 0427 633 423

crystal.bergemann@ampcontrolgroup.com

www.ampcontrolgroup.com

EDITOR NOTES

Ampcontrol <https://www.ampcontrolgroup.com/>

Ampcontrol Facebook: <https://www.facebook.com/ampcontrolgroup/>

Ampcontrol Twitter: <https://twitter.com/ampcontrolgroup>

Ampcontrol LinkedIn: <https://www.linkedin.com/company/ampcontrol/>

Ampcontrol Instagram: <https://www.instagram.com/ampcontrol/>

Ampcontrol YouTube: <https://www.youtube.com/channel>

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'