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### **Magellan wins Abbot Point contract**

Magellan Power has been awarded a contract by ABB for the supply of DC power systems to the Abbot Point Coal Terminal Project in Queensland. The Port of Abbot Point is Australia's most northerly coal port and is of significant strategic value to the State of Queensland for its close in-shore deep water harbor.

The Abbot Point X25 Port Expansion Project remains on target for completion by end of June 2009, increasing export capacity to 25 million tonnes per annum (mtpa). Ports Corporation of Queensland is also well underway with the second phase of expansion at Abbot Point (X50) to increase capacity to 50mtpa by 2011.

ABB selected Magellan from a handful of competing companies for its ability to produce highly reliable phase-controlled battery chargers operating in 1+1 redundancy with battery bus-tie switches to all the batteries from an off-line charger to be charged by the remaining on-line charger.

Further, Magellan Power offered high-grade 15 year design life Modular Range batteries, thousands of which are in service all over Australia and New Zealand with not a single cell ever failing prematurely.

Magellan Power has a proven track record in the manufacture and supply of power electronics equipment and has supplied some of the country's largest infrastructure, mining and energy projects.

Managing Director, Masoud Abshar said he was delighted that the quality and integrity of Magellan's products continues to be recognized Australia-wide.



*Abbot Point in Queensland*

### **Magellan joins forces with GE**

Magellan Power has entered into a distribution agreement with GE Digital Energy to supply their range of Uninterruptible Power Supply (UPS) products to industry.

The products, comprising Static UPS systems ranging from 350VA to 6MVA, provide Magellan with standard UPS solutions for those clients who do not require the technical customization currently offered by Magellan's own suite of UPS products.

Managing Director, Masoud Abshar said he was very pleased with the new agreement and the opportunities it provides for his customers.

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“It means we now offer a complete package in UPS systems” he said.

Customers interested in the new range of GE UPS systems can find out more by contacting Magellan Power on:

WA:	08 9434 6621
Vic/SA/Tas:	03 9583 2066
NSW:	02 8005 0056
Qld:	0438 965 225
NZ:	09 889 0417



## Product Feature – Solar Charger

The Magellan Power Solar Charge Controller (Charger) is intended for demanding industrial environments. It combines high-quality industrial power electronic components with advanced controls to deliver a modular, reliable solution for critical loads.

The Charger consists of three main system components; the power electronics, the system controller and the front panel display.

The Charger can be controlled using the keypad of the built-in front panel display, or remotely using the Bluetooth or the isolated serial communication port. For redundancy, Chargers can be connected together in a Master-Slave configuration allowing the Master unit to synchronise the charging voltage of the slaves.

The Magellan Power Solar Controller (Charger) is perfect for use in a variety of applications. To learn more about how this product can meet your industrial needs please contact Magellan.



The Magellan Power Solar Charge Controller (Charger)

## Product Features

- PV Rated – 10kWp
- Maximum solar Voltage – 350Vdc
- Charger Protection including, over load, current limit and over temperature monitoring
- Sensing fault and automatic timed restart on fault
- Lightning transient protection
- Battery protections including over and under voltage monitoring
- Electrically isolated RS232 DB9 female connector communication port and optional wireless Bluetooth serial port (Range <10m)
- Inbuilt diagnostic system with periodic data logging and fault event recorder
- IP53 rate enclosure with dust and vermin protection
- Internal heatsink with temperature controlled fan for cooling



## Meet Carlos

In January 2007 the staff at Magellan Power welcomed new Production Manager, Carlos Zanlongo to the team.

Carlos still counts moving to new premises at Bibra Lake as his most memorable experience.

“Yes I do,” he says, “Because we achieved it AND still maintained our production schedules and delivery timeframes.”

Quizzed about how such a feat was achieved and he admits that creativity becomes your best friend when facing a challenge like that.

“And it helps that we have such great camaraderie here” he says.

“Combine that with great products and I think we have a great future here at Magellan Power. It’s just a great thing to know we have contributed to some of Australia’s biggest projects” he says.

Originally from Argentina and father to three (almost fully grown) children, he has recently accepted the role of Business Development Manager for Victoria, South Australia and Tasmania. Existing and potential clients in those regions can contact him on, 03 9583 2066 or email: [czanlongo@magellan-power.com.au](mailto:czanlongo@magellan-power.com.au).

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