

MPPT

MPPT (Maximum Power Point Tracker), with full electronic protection (over temperature, over current, over voltage and reverse polarity), it can maximize the efficiency of PV system (up to 10%-15% higher than common controller). MPPT makes inexpensive modules of grid-connected system available for 12/24V stand-alone system.

The product will be launched in 2nd quarter, 2007. For more information, please click Datasheet.



Product News

The products below will be available in 1st-2nd quarter 2007.

CXN series is a programmable solar charge controller with negative grounding. In addition to the existing features of CX, CXN can be connected to accessories such as CX com, CXM, CXT and CXI, adding powerful functions to the controller.

CXM is a remote display connecting via an interface connector to Phocos new CXN charge controllers. CXM can display the status values such as charging, overload, and low voltage disconnect. CXM also can display several values of CXN's data logger for the past 7 days like Ah, SOC, Battery voltage (morning, evening).

CXNT is an accessory of CXN series, which is used to detect the environment temperature. It has high accuracy (± 1 degree), wide temperature range (-20~+50°C), and low power loss (<4mA).

CMM, a multi-meter, which is designed to measure and display panel current, load current, and battery voltage of your PV system as true values. This provides you detailed information about the PV system. CMM can be used in combination with Phocos CA, CML, and CMLNL series charge controllers.



FC Hybrid Fuel Cell - back up power source for solar system. It helps to secure a constant and clean power supply. There is a built-in system control unit which controls battery charging from the solar panel, from the fuel cell, and protects the battery from over discharge.

CL24 is new designed 24V DC lamp, which has preheating and OTP. This series has a wide range from 3W to 30W, high efficiency beyond 70lm/W, and long life span of 8000 hours. Additionally, the optional glass reflector is available as accessory.

International

ISO9001 Certificates

Phocos AG has been certified for ISO9001.



Phocos Training, Singapore, Nov. 27th - Dec. 6st, 2006

16 colleagues from Bolivia, China, India, Kenya, South Africa, Tunisia, USA,



Australia and Singapore and 45 customer representatives participated in the training. Peter Adelman, Carsten Michelsen and Brendan M. English gave wonderful lectures throughout this 3 days training.

Phocos Tunisia

Phocos Tunisia was recently founded in Oct. 2006, with our sales representative **Ernest Dagher**. You can contact with Phocos Tunisia office by e-mail: info-maghreb@phocos.com

Personnel

Jeff Wu Regional Sales Engineer of North China, joined Phocos China in March 2006.

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Ernest Dagher, joined Phocos Tunisia in September 2006 as Area Manager for French and Arabic countries. Ernest is a qualified electronics engineer, specializing in automation & regulation.

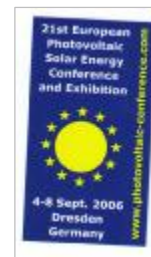
Ernest.dagher@phocos.com



Exhibitions & Fairs

21st European Photovoltaic Solar Energy Conference and Exhibition, Sept. 4-8th, 2006, Dresden Germany.

Phocos new Fuel Cell products, the FC series was presented at the biggest European PV exhibition. At the exhibition, we received lots of inquiries regarding using the FC with stand-alone system, and as a back-up source.



Renewable Energy 2006 International Exhibition, Chiba Japan, Oct. 11-13th, 2006

Phocos participated in the Exhibition and met many interested participants including MSK representatives.

Eco-Products International Fair 2006, Suntec Singapore, Oct. 31st - Nov. 2nd, 2006

Phocos SEA had a joint-exhibition with Grenzone Pte Ltd. We took the opportunity to advocate the use of solar energy as a green and sustainable alternative energy in the commercial and home segment.

SEIA/SEPA Solar Power 2006 Conference and Expo, San Jose CA USA, Oct. 2006

Phocos participated in the Solar Power 2006 Conference and Expo. With around 6,500 attendees, Solar Power 2006 was one of the largest PV Expos ever held in the US.

The 9th Chinese Solar Photovoltaic Conference and Exhibition, Chengdu China, Nov. 3rd 2006

Phocos China introduced our SPS in this exhibition and looks forward to many new business relationships to be established.

India International Boat Show 2006, Cochin Kerala India, Oct. 20-22nd, 2006

Phocos India was an exhibitor at the India International Boat Show 2006. It gave Phocos an opportunity to display its solar products that are widely used in entertaining boat, yachts and cruisers.



Upcoming exhibitions:

Training in Bangladesh, Jan. 2007

22nd Photovoltaic Symposium, Bad Staffelstein, Germany, Mar. 7-9th, 2007