

WATTSCURRENT

JULY 2015

ENPHASE LAUNCHES TAILORED COMMERCIAL SOLUTION

Enphase has introduced a new comprehensive product solution targeting commercial installations in the Asia-Pacific market. The offering includes the new advanced Enphase® M250 Microinverter, now supporting both 60- and 72-cell PV modules.

The center of the commercial solution is the M250 energy system that delivers enhanced power generation and operational performance along with a lower Levelized Cost of Electricity (LCOE) than competing string or central inverter systems. "The launch of the new Commercial Solution in the Asia-Pacific market is an important sales initiative for Enphase as we expand the recruitment and retention of our customer base," said Jeff Loebbaka, senior vice president of global sales, marketing and support at Enphase. "This latest offering squarely addresses the strategic priority we place on deepening and expanding the long-term relationships we have with our commercial customers in this very important region."

The new commercial product solution will also include Folsom Labs' advanced HeliScope solar photovoltaic (PV) system design software for commercial Enphase installations. Folsom Labs has incorporated Enphase® Microinverter Systems—including the M250 Microinverter into HeliScope to streamline the sales and engineering workflow for commercial PV system designers.

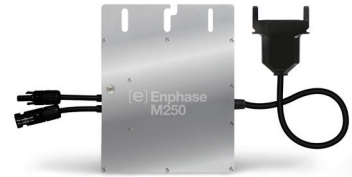
"The HeliScope customer base is rapidly expanding in Australia and New Zealand, and many of them use Enphase. By incorporating the Enphase Microinverter products, we provide our customers the integration they are demanding, and further accelerate our growth," said Paul Gibbs, CEO of Folsom Labs. "Our partnership with Enphase enables installers to quickly assess the viability of each potential residential or commercial project, generating high-quality designs and bankable energy estimates."

Enphase has had significant success in commercial installations, with more than 10,000 installed systems ranging from 10kW to over 2MW globally. "Our

success in the residential market serves as the foundation for our delivery of purpose-built commercial systems now, and we are expanding our commercial product offerings in the Asia-Pacific region to meet the growing demands of our customers," said Nathan Dunn, Asia-Pacific managing director for Enphase.

Purpose built for commercial projects, the Enphase Commercial Solution achieves the highest energy production with competitive upfront costs, delivering lower Levelized Cost of Electricity (LCOE) than competing string or central inverter systems.

The heart of the Enphase Commercial Solution is the world-class M250 Microinverter System. The M250 system performs efficiently and saves money, lowering BoS costs to move energy from the inverters to the grid.



Competitive CapEx

- Reduced microinverter/module numbers per kW
- BoS savings over DC systems due to simpler, safer AC wiring
- Labour savings due to fewer AC branch circuits

Increased energy harvest

- Improved system availability
- Reduced design time
- Increased flexibility
- Lower operations and maintenance costs
- Safer systems due to extra low voltage DC



NEW RELEASE: YHI BATTERY RANGE BROCHURE & AUTOMOTIVE FITMENT GUIDE AVAILABLE NOW



Our 2015 Battery Range brochure is now available, featuring our comprehensive range of batteries from C&D Technologies, Crown, Neuton Power and Vision.

Our Automotive Battery Fitment Guide has received an extensive revamp and is now available in printed format and to download online.

Contact us on 0800 99 33 44 to receive a copies or download the files at www.yhipower.co.nz

JET CAR FIRES UP WITH NEUTON POWER AT CRC SPEEDSHOW



Steve Zahorodny's Jet engine powered funny car 'The Vapouriser' was a crowd pleaser at the CRC Speedshow held in Auckland at the ASB Showgrounds on July 18 & 19.

The Vapouriser was the star attraction of the Ideal Wheels Live Action Arena each day of the event, drawing a large crowd to watch the jet engine power up and put on a demonstration

The Jet Car relies on three Neuton Power NPN70L batteries for its starting power.

NEW PRODUCT Torpedo Batteries From Neuton Power & Vision

GENERAL FEATURES

- Stable and long-term quality
- Maintenance-free operation
- Long service life, float or cyclic applications
- Low self discharge
- Excellent recovery



Product Code	Electrical Capacity		Physical Specifications			
	Voltage (V)	20H Rate Capacity (AH)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
NP12V9AHTORP	12	7	151	65	94	2.7
CP12120TORP	12	9	151	98	95	2.7
TORPLEAD	TORPEDO BATTERY LEAD 180MM					



TORPLEAD

For more information on the Vision & Neuton Power Torpedo batteries view online at www.yhipower.co.nz
Freephone 0800 99 33 44 or email powersales@yhi.co.nz

NEW PRODUCT Neuton Power MPPT Charge Controllers

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MPPT Series Charge Controllers

MPPT -40A Solar Controller can intelligently regulate the working voltage of solar panels, letting the solar panels always work at Maximum Power Point of V-A curve. Compared with an ordinary solar controller, this MPPT controller can increase the efficiency of PV modules by 10% - 30%.

Product Features:

- Applicable to various types of batteries
- MPPT Function
- Temperature sensor battery charging compensation
- Overload protection (Automatic restoration)
- Overcharge protection
- Short Circuit protection (Automatic restoration)
- Thunder protection
- Reverse discharge protection
- Reverse polarity connection protection
- Under voltage protection



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