

## Glary Adds 500W/300Vin Modules in its Ultra Half Brick Series

By offering a wide input voltage range of 200V ~ 420V (300V nom.) and an output power up to as high as 500W each brick and goes even higher by parallel, the new released UH2H modules are now introduced to the market by Glary Power Technology.



The UH2H series is now available for output voltages ranging from 12V up to 48V, with output current up to 42A (for 12Vout), enabling full 500W power to be delivered for the full line of featuring models, which suggests an ultra high power density of 144W/in<sup>3</sup>. In addition, with Glary's patented "Buck Reset" topology, the conversion efficiency as high as 91% is also performed by each and every model of the entire UH2H series.

"Such advanced technology would in fact help with significant space saving of up to 50% on the applicable PCB when the majority of the current solution still requires an additional full brick in the equivalent power system structure," said Mr. Tensor C. Cribbs, Business Manager of Glary Power Technology: "moreover, the feature of current share on the secondary side enables UH2H bricks to be paralleled to build up a 'CS Bus' power bank that, according to the practical application market feed back, is said to be capable of handling up to 3,000W of power with N+1 redundancy demand and performs an extremely reliable product life."

Other features include full protection functions such as OVP, OTP, OCP, and input UVLO, as well as 3.0KVrms isolation between primary to secondary that is designed to meet international safeties including EN60950 and CSA/UL60950 requirements. Output voltage trim function is also available and enables the output to be adjusted between 90% and 110% of the nominal rating.

The UH2H280N20E-S18 module, as an example, is now priced at \$115 each with typical lead-time of 8 weeks for OEM volume demand.

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