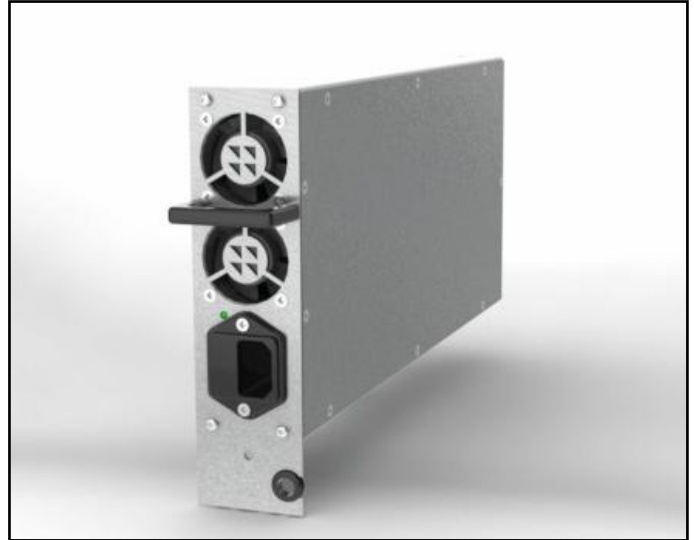


Netpower Labs releases a new high efficient solar charge controller that integrates fully into the high efficient DC based UPS from the company.

NetTracker™ is a new solar charge controller with converter technology based on the latest Silicon Carbide (SiC) electronics combined with a new un-isolated buck converter design. An intelligent software controlled optimization and tracking algorithm combined with the low-loss SiC technology gives the highest possible energy efficiency. The new converters are fully integrated in the Netpower Labs DC UPS and can be seamlessly plugged into a cabinet using the same “pay as you grow” philosophy as other components in the DC UPS.

The first installations have been in commercial use since December 2010.



Stefan Lidström CTO Netpower Labs:

“By using the latest Silicon Carbide(SiC) components the voltage losses in this new converter are the lowest possible. Low voltage losses not only means high efficiency, it also means that the solar energy system can deliver energy even in bad weather conditions and other “complicated” conditions like partial shadowing (common in roof-top installations) or close to other buildings which often gives very low outputs from conventional converters compared to our new design. The result is an increase in yearly energy production by the installation.”

John Åkerlund CEO Netpower Labs:

“Our DC based UPS system combined with the high efficiency of the new NetTracker™ converter gives an end-to-end efficiency better than 98% from the solar panels to the servers in a datacenter, which is important for the economy of a solar energy installation. In AC based installations with solar inverters too much of the high-cost energy is wasted in numerous conversion steps before the energy reaches the energy consumers”

About Netpower Labs AB

Netpower Labs® is a pioneer in DC based power solutions. Products such as the 350/380V DC UPS, which dramatically increases datacenters energy efficiency or the NetTracker™ that minimizes the “cost per watt” of solar energy installations are just some of the innovations.

Netpower Labs® is the only company with a full spectrum of products based on the higher voltage DC technology that reduces complexity, energy waste and OPEX. The DC voltage technology forms the base of the new high efficient power infrastructure addressing large datacenter and telecom installations in Europe, America and Asia.

For more information about Netpower Labs AB, please visit <http://www.netpower.se>