

November 23, 2010

To Whom It May Concern;

The operating ambient temperature rating of PV Powered's Commercial Grid Tie Inverters is -30° to +50°C. However, PV Powered has just completed an evaluation that allows us to rate the inverters at a standby/storage temperature that is lower than the rated operating temperature. The new standby/storage ambient temperature range is -40°C to +60°C. This new rating will appear in the new Canadian data sheets the week of January 6th. New data sheets for the US models will be available in Q1 2010. However, all inverters currently shipping already meet this specification.

If ambient temperature is below -30°C during daylight hours, the inverter will engage its built-in self-protection and will not turn on until the inverter's internal temperature is above -30°C. The PV Powered commercial inverters also have significant internal thermal inertia which means that in practice even if the ambient temperature is only a few degrees below -30°C it is likely that the inverter will be able to start and operate throughout the day.

Sincerely,
Tucker Ruberti
Director of Product Planning and Applications Engineering