

## TECHNICAL BULLETIN

### Surge Protection for Chilicon Microinverter Systems

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While Chilicon Power microinverters contain internal circuitry to protect against grid instabilities\*, Chilicon Power highly recommends inclusion of a surge protector in all systems. The cost of these devices is modest compared to the overall PV system and they offer an extra level of insurance against potential system damage. This protection is especially warranted in locations prone to lightning strikes or other types of grid disturbances.

The device typically mounts at the main service panel and should be the first point of inspection should the PV system fail to operate.

While many such devices are acceptable, Chilicon Power has identified the following three as recommended for inclusion in 240V split phase systems.

1) Midnite Solar MNSPD-300-AC



2) Supco SCM150



3) Leviton 51110-SRG



For more information on this topic, contact [support@chiliconpower.com](mailto:support@chiliconpower.com)

\* Refer to Technical Bulletin TBT1 *Grid Protection Shutoff* for instruction on this procedure.