Manufacturer's Statement for Anti-islanding Method

The purpose of this letter is to declare the anti-islanding methodology used by EG4 Hybrid Inverters*.

These inverters meet the "IEEE STD. 1547 and 1547.1" and "UL STD. 1741, 1741 SB" standard and has obtained the corresponding certificates.

EG4 hybrid inverters use method (a) of anti-islanding listed below:

> **(a) Shifting the frequency of the inverter away from nominal conditions in the absence of a reference frequency (frequency shift);**
>
> (b) Allowing the frequency of the inverter to be inherently unstable in the absence of a reference frequency (frequency instability);
>
> (c) Periodically varying the output power of the inverter (power variation); and
>
> (d) Monitoring for sudden changes in the impedance of the grid by periodically injecting a current pulse (current injection).

For any questions, please contact EG4 Electronics LLC at support@eg4electronics.com or by phone at (903) 609-1988.

*EG4 FlexBOSS21 (IV-16000-HYB-FX-AW)
EG4 FlexBOSS18 (IV-13000-HYB-FX-AW)
EG4 18KPV-12LV *(IV-12000-HYB-AW)
EG4 12KPV (IV-8000-HYB-AW)