Can I use easYgen controls for induction / asynchronous generator application?

Justin Schneider - 2026-07-27 - easYgen-3000XT

Induction or so called asynchronous generators proving no AC voltage as long the aren't connected to the grid.

The EPU-100 (Electronic Pickup Unit) receives electrical signals and converts it into a "MPU signal". This information about the speed of rotation of the asynchronous generator can be fed into a genset control (for example an easYgen). So the genset control can decide for connecting the asynchronous generator to the mains/utility. Woodward's EPU-100 is particular suitable to work with the very small voltage (as low as 0.5 Vac and as high as 600 Vac) a asynchronous generator produces until it’s breaker is closed.

EPU-100 cannot be used together with obsolete AMG3S, AMG3S, GCP-21/GCP22,MFR2S controls

EPU-100 Product Specification