What are the mains differences of the different easYgen-3000XT versions?

Clemens - 2024-09-27 - easYgen-3000XT

easYgen-3200XT & 3500XT P1/P2 controls are frontpanel versions with Display HMI

easYgen-3100XT & 3400XT P1/P2 controls are backpanel versions without integral Display HMI

Both backpanel/frontpanel variants operating on same firmware

Main differences of different versions

easYgen-3200XT-LITE	Synchronization GCB, MCB, Generator/Engine/Mains protection, 2 x CANBus, 1 x RS485 & 1xE-Net Modbus TCP, 3 x flexible PID's for speed & voltage bias, ModbusMaster
easYgen-3100XT/3200XT	Synchronization GCB, MCB, Generator/Engine/Mains protection 2 x CANBus, 1 x RS485 & 1xE-Net Modbus TCP 3 x flexible PID's for speed & voltage bias 2 PT bus sensing Mains sensing Loadsharing via E-Net and/or CANopen, ModbusMaster
easYgen-3400XT-P1/3500XT-P1	Synchronization GCB, MCB, +GGB, +Run-up Synch, +LS5/6XT, GC3400XT Support +690VAC sensing, + inbuilt AVR Regulation 3 x CANBus, 1 x RS485 & 3 x E-Net Modbus TCP 3 x flexible PID's for speed and voltage bias 2 PT bus sensing Mains sensing Loadsharing via redundant E-Net or CANopen, ModbusMaster
easYgen-3400XT-P2/3500XT-P2	Synchronization GCB, MCB, +GGB, +Run-up Synch, +LS5/6XT, GC3400XT Support +690VAC sensing, + inbuilt AVR Regulation 3 x CANBus, 1 x RS485 & 3 x E-Net Modbus TCP 3 x flexible PID's for speed and voltage bias 3 PT bus sensing for rotation check, Mains sensing Second board with additional digital/analog I/Os, pulse outputs for kWh & kVArh Loadsharing via redundant E-Net or CANopen, ModbusMaster