

Sunny Tripower X

Functions in Subsequent Firmware Updates



Missing function	Function Description	Effect when function not available
I-V generator diagnosis	Automatic measurement of the I-V curve (current/voltage curve); Early and simple detection of yield losses in case of events in the PV system.	Restriction in level of comfort when maintaining the PV system. However, this is usually only carried out after one year of operation
RS485 module support	RS485 module support for retrofitting (MD.485-40)	Not relevant for new systems. No retrofitting / retrofit of the STP X for relevant existing systems with RS485 communication
Sensor module support	Sensor module support for retrofitting (MD.SEN-40)	No sensor module support and therefore no integration of external sensors directly via the STP X possible. Alternative connection via SMA Data Manager M
SunSpec Modbus	Manufacturer-independent protocol interface with register mapping according to SunSpec industry standard	No communication via SunSpec Modbus; possibly no integration of third-party data loggers



All functions mentioned above will be subsequently made available via firmware update.
The main functions of the Sunny Tripower X are available right from the start of delivery.