

Delta SunSpec blue'Log Driver



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Delta inverters. The communication occurs via Delta SunSpec.

For communication via SunSpec Delta inverters need to be configured via the inverters display.
Please contact the inverter manufacturer for more information.

COMMUNICATION

Max. number of inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 ¹⁾	100 ²⁾	100 ²⁾
Communication interface:	RS485 (Modbus RTU)		
Bus speed:	Default 19200 bps (can be configured: 9600...38400 bps)		
Protocol (transmission):	8N1		

¹⁾ Maximum of 31 inverters can be managed per bus interface. Connection of MX module RS485/422 is possible as an option. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

²⁾ MX module RS485/422 is necessary because up to 31 inverters can be managed per bus interface. (Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.)

POWER CONTROL

Active power control:	Yes
Reactive power control:	Yes

Active/reactive power control is not supported by all inverter types. An exact list is available from the inverter manufacturer.

MEASUREMENT VALUES RECORDED

COS_PHI	cosφ
E_TOTAL	Total energy
F_AC	Grid frequency
I_AC1	AC current 1
I_AC2	AC current 2
I_AC3	AC current 3
P_AC	AC active power
Q_AC	Reactive power
S_AC	Apparent power
STATE	Operating status
T (1, 2, 3...)	Temperature
U_AC1	AC voltage 1
U_AC2	AC voltage 2
U_AC3	AC voltage 3

SUPPORTED INVERTERS

M15A	M20A	M30A
M50A	M60U	M80U
M88H		

Please contact Sales for details of compatibility with inverters not listed.
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