

SolarEdge blue'Log Treiber



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting SolarEdge inverters.

COMMUNICATION

Max. number of string inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 *	100 **	100 **
Communication interface:	RS485		
Bus speed:	115200 bps (configurable)		
Protocol (transmission):	8N1		

*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.)

**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.

***Please consider the software features of your blue'Log base module. Please take a look in the data sheet of blue'Log.

SUPPORTED INVERTER EQUIPMENT

Communication Gateway	SolarEdge Control and Communication Gateway (SE1000-CCG-G)
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MEASUREMENT VALUES RECORDED

COS_PHI	cosφ
E_TOTAL	Total energy
F_AC	Grid frequency
I_AC	AC current
I_AC (phase 1, 2, 3)	AC current (phase 1, 2, 3)
I_DC	DC current
P_AC	AC active power
P_DC	DC power
Q_AC	Reactive power
S_AC	Apparent power
STATE (1, 2, 3...)	Operating status (1, 2)
T_WR (1, 2, 3...)	Inverter temperature (1, 2, 3, 4)
U_AC (phase 1, 2, 3)	AC voltage (phase 1, 2, 3)
U_AC_L1L2	Phase to phase voltage L1-L2
U_AC_L2L3	Phase to phase voltage L2-L3
U_AC_L3L1	Phase to phase voltage L3-L1
U_DC	DC voltage

SUPPORTED INVERTERS

SE-Series	SE2200	SE3000	SE3500
	SE4000	SE5000	SE6000
	SE4K	SE5K	SE7K
	SE8K	SE9K	SE10K
	SE12.5K	SE15K	SE16K
	SE17K	SE25K	SE27.6K
	SE33.3K		

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