

Steca blue'Log Driver



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Steca inverters.

COMMUNICATION

Max. number of inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 *	100 **	100 **
Communication interface:	RS485 (RTU)		
Bus speed:	38400 bps		
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.

MEASUREMENT VALUES RECORDED

E_TOTAL	Total energy
E_INT	Interval energy
ERROR	Error status
F_AC	Grid frequency
I_AC (phase 1, 2, 3)	AC current (phase 1, 2, 3)
I_DC	DC current
P_AC	AC active power
P_AC (phase 1, 2, 3)	AC active power (phase 1, 2, 3)
P_DC	DC power
U_AC (phase 1, 2, 3)	AC voltage (phase 1, 2, 3)
U_DC	DC voltage

SUPPORTED INVERTERS

Steca Grid:	1500	1500x	1800
	1800x	2000	2000x
	2020	2300	2300x
	2500	2500x	3000
	3000x	3010	3010x
	3203	3203x	3600
	3600x	4003	4003x
	4200	4200x	4803
	4803x	5503	5503x
	8000 3ph	8000+ 3ph	10000 3ph
	10000+ 3ph	5003	6003
Alpinsun:	3000	3600	
High Efficiency:	3000	3600	
Solar Frontier:	SF-WR-3000	SF-WR-3000x	SF-WR-3203
	SF-WR-3203x	SF-WR-3600	SF-WR-3600x
	SF-WR-4003	SF-WR-4003x	SF-WR-4200
	SF-WR-4200x	SF-WR-4803	SF-WR-4803x
	SF-WR-5503	SF-WR-5503x	

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