

Siemens SINVERT PVM blue'Log Driver



DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting Siemens SINVERT PVM 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:	57600 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_DAY	Daily energy
E_TOTAL	Total energy
ERROR	Error status
F_AC (phase 1, 2, 3)	Grid frequency (phase 1, 2, 3)
G_WR	Irradiation invert sensor
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
STATE	Operating status
T_WR (1, 2, 3...)	Inverter temperature (1, 2, 3, 4, 5)
U_AC	AC voltage
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

SINVERT	PVM10	PVM13	PVM17 4DC
	PVM17 6DC	PVM20	

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