

# SMA SC 1850-US / 2200-US / 2200 / 2500-EV / 2500-EV-US blue'Log Driver



## DESCRIPTION OF FUNCTIONS

Driver: blue'Log driver for supporting SMA Sunny Central 1850-US / 2200-US / 2200 / 2500-EV / 2500-EV-US inverters.

## COMMUNICATION

Max. number of inverters:	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
	50 *	100 **	100 **
Communication interface:	Ethernet		
Protocol (transmission):	TCP (Modbus)		

## 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

String measurement systems: SMA STRING-MONITOR (SSM-U-1610, SSM-U-2410, SSM-U-3210)

### MEASUREMENT VALUES RECORDED

COS_PHI	cosφ
E_DAY	Daily energy
E_TOTAL	Total energy
ERROR	Error status
F_AC	Grid frequency
I_AC1	AC current 1
I_AC2	AC current 2
I_AC3	AC current 3
I_DC	DC current
I_DC1	DC current 1
I_DC2	DC current 2
I_DC3	DC current 3
OT_AC_TOTAL	Operating hours
P_AC	AC active power
P_DC	DC power
Q_AC	Reactive power
S_AC	Apparent power
STATE	Operating status
T_WR	Inverter temperature
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_AC1	AC voltage 1
U_AC2	AC voltage 2
U_AC3	AC voltage 3
U_DC	DC voltage
U_DC1	DC voltage 1
U_DC2	DC voltage 2
U_DC3	DC voltage 3

### SUPPORTED INVERTERS

SUNNY CENTRAL 1850-US    SUNNY CENTRAL 2200-US    SUNNY CENTRAL 2200  
 SUNNY CENTRAL 2500-EV    SUNNY CENTRAL 2500-EV-US

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