

# Delta blue'Log Driver



## DESCRIPTION OF FUNCTIONS

Driver: blue'Log is compatible with Delta inverters which will communicate via the Public Solar Inverter Communication Protocol.

## COMMUNICATION

	blue'Log X-1000	blue'Log X-3000	blue'Log X-6000
Max. number of inverters:	50 <sup>1)</sup>	100 <sup>2)</sup>	100 <sup>2)</sup>
Communication interface:	RS485		
Bus speed:	Default 19200 bps (can be configured: 2400...38400 bps)		
Protocol (transmission):	8N1		

<sup>1)</sup> 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.)

<sup>2)</sup> 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 <sup>3)</sup>

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

<sup>3)</sup> Reactive power Q only available for specific inverter variants. The specific variants are labelled in the section "Supported inverters".

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*MEASUREMENT VALUES RECORDED*

E_TOTAL	Total energy
ERROR	Error status
F_AC1	Grid frequency 1
F_AC2	Grid frequency 2
F_AC3	Grid frequency 3
I_AC1	AC current 1
I_AC2	AC current 2
I_AC3	AC current 3
I_DC1	DC current 1
I_DC2	DC current 2
I_DC3	DC current 3
OT_AC_TOTAL	Operating hours
P_AC1	AC active power 1
P_AC2	AC active power 2
P_AC3	AC active power 3
P_DC1	DC power 1
P_DC2	DC power 2
P_DC3	DC power 3
Q_AC1	Reactive power 1
Q_AC2	Reactive power 2
Q_AC3	Reactive power 3
U_AC1	AC voltage 1
U_AC2	AC voltage 2
U_AC3	AC voltage 3
U_DC1	DC voltage 1
U_DC2	DC voltage 2
U_DC3	DC voltage 3

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## SUPPORTED INVERTERS

SI 2500	SI 3300	SI 5000
SOLIVIA 2.0 EU G3	SOLIVIA 5.0 EU G3	SOLIVIA 2.5 EU G3
SOLIVIA 3.0 EU G3	SOLIVIA 3.3 EU G3	SOLIVIA 3.6 EU G3
SOLIVIA 15 EU TL	SOLIVIA 20 EU TL	SOLIVIA 2.5 NA G4
SOLIVIA 3.0 NA G4	SOLIVIA 3.3 NA G4	SOLIVIA 3.6 NA G4
SOLIVIA 4.4 NA G4	SOLIVIA 5.0 NA G4	SOLIVIA 15 EU TL G4
SOLIVIA 20 EU TL G4	SOLIVIA 2.5 AP G3	SOLIVIA 3.0 AP G3
SOLIVIA 3.3 AP G3	SOLIVIA 3.6 AP G3	SOLIVIA 5.0 AP G3
SOLIVIA 3.0 EU T4 TL	SOLIVIA 5.0 EU T4 TL	SOLIVIA 6.0 EU T4 TL
SOLIVIA 8.0 EU T4 TL	SOLIVIA 10 EUT4 TL	SOLIVIA 12 EU T4 TL
SOLIVIA 30 EU T4 TL	SOLIVIA CS	SOLIVIA CM
SOLIVIA 2.0 EU G4 TR	SOLIVIA 2.5 EU G4 TR	SOLIVIA 3.0 EU G4 TR
SOLIVIA 3.3 EU G4 TR	SOLIVIA 3.6 EU G4 TR	SOLIVIA 4.4 EU G4 TR
SOLIVIA 5.0 EU G4 TR	SOLIVIA 10 EU G4 TR (EVR)	SOLIVIA 11 EU G4 TR
SOLIVIA 11 EU G4 TR (EVR)	SOLIVIA 3.0 NAG4TL	SOLIVIA 3.8 NAG4TL
SOLIVIA 5.0 NAG4TL	SOLIVIA 7.6 NAG4TL	SOLIVIA 5.2 NAG4TL
SOLIVIA 6.6 NAG4TL	DELTA 20 TL	DELTA 15 TL
DELTA 28 TL	DELTA 24 TL	RPI M6
RPI M8	RPI M10	RPI M12
RPI M15A	RPI M20A	RPI M30
RPI H3	RPI H5	RPI H3A <sup>4)</sup>
RPI H4A <sup>4)</sup>	RPI H5A <sup>4)</sup>	RPI H3A <sup>5)</sup>
RPI H4A <sup>5)</sup>	RPI H5A <sup>5)</sup>	RPI M6A <sup>5)</sup>
RPI M8A <sup>5)</sup>	RPI M10A <sup>5)</sup>	PRI M50A <sup>5)</sup>
RPI M30A <sup>5)</sup>	RPI M15A <sup>5)</sup>	RPI M20A <sup>5)</sup>
SI 11kW (3 phases module of CM/CS)		

<sup>4)</sup> These inverters do not support reactive power Q.

<sup>5)</sup> These inverters support reactive power Q.

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

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