



PL data logger

Home | Commercial | Industry

Professional PV monitoring

Cloud concept

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Remote configuration

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Power management

—

Direct marketing

—

Smart Energy

Logger



Portal



Service



Technical specifications PL data logger series

	PL Home (PL40)	PL Commercial (PL100)	PL Industry (PL500+)
max. system size	up to 40 kWp	up to 100 kWp	no limit
Total number of ports (RS485 and Ethernet)	4	6	6
of which can be used as RS485 interfaces	2 (1 x RS422/485 und 1 x RS485)	4 (1 x RS422 oder 2 x RS485 und 2 x RS485)	4 (1 x RS422 oder 2 x RS485 und 2 x RS485)
	all ports free for connection of different manufacturers of inverters, meters, sensors, relay control, wallboxes, heating rods, etc. etc.		
Number of digital-in interfaces (can also be used as S0 input)	3	3	3
Number of integrated relay contacts	-	4 (frei konfigurierbar für z.B. Smart Energy)	4 (frei konfigurierbar für z.B. Smart Energy)
Ethernet interfaces	1	1	2 (second Ethernet interface for direct connection of telecontrol via IEC104)
USB interface	yes	yes	yes
7" touch display	yes	yes	yes
Remote access	yes	yes	yes
Power supply	12-24V DC	12-24V DC	12-24V DC
Top-hat rail mounting	Yes (via separate top-hat rail adapter kit)		
Dimensions/Weight	20,2 x 14,6 x 3,5 cm (L x B x H)/520 g		

Power management

Limitation of system output/with offsetting of own consumption	yes/yes	yes/yes	yes/yes
Interface for remote-controlled power reduction (e.g. FRE)	yes	yes	yes
Reactive power control	yes	yes	yes
I/O box support (active power transmission)	no	no	yes
Direct marketing interface	no	yes	yes
Connection of the telecontrol system via IEC 101/104	no	no	yes

Monitoring

MPPT monitoring	yes	yes	yes
Failure notification via email	yes	yes	yes
Failure notification via display	yes	yes	yes
Yield forecasts	yes	yes	yes
Module arrays	yes	yes	yes
System groups	yes	yes	yes

Additional

remotely configurable	yes	yes	yes
Master-Slave mode	no	yes	yes
SmartEnergy relay control/onboard	yes/no	yes/yes	yes/yes

