

Parametername for Speedwire/Webconnect	Level	Displayed group in the communication product	Write access	Grid Guard protection	Unit	Increment	Minimum value	Maximum value	Setting options	Default value
Start delay input	Installer	DC Side > DC settings	Installateur	No	s	1	1	4		1
Minimum voltage input	Installer	DC Side > DC settings	Installateur	No	V	0,01	125	550		150
Constant voltage setpoint	Installer	DC Side > DC settings > Constant voltage control	Installateur	No	V	0,01	125	500		500
Start delay input	Installer	DC Side > DC settings	Installateur	No	s	1	1	4		1
Minimum voltage input	Installer	DC Side > DC settings	Installateur	No	V	0,01	125	550		150
Constant voltage setpoint	Installer	DC Side > DC settings > Constant voltage control	Installateur	No	V	0,01	125	500		500
Cycle time of the OptiTrac Global Peak algorithm	Installer	DC Side > DC settings > OptiTrac Global Peak	Installateur	No	s	1	360	1800		360
OptiTrac Global Peak switched on	User	DC Side > DC settings > OptiTrac Global Peak	Benutzer	No					Yes / No	No
Set total operating time at grid connection point	Installer	AC Side > Measured values	Installateur	No	h	1	0	440000		0
Set total feed-in time at the grid connection pt.	Installer	AC Side > Measured values	Installateur	No	h	1	0	440000		0
Set total yield	User	AC Side > Measured values	Benutzer	No	kWh	1	0	4000000		0
Communication version	Installer	Type Label > Type Label	No write access	No		1	0	4294967294		0
Device name	User	Type Label > Type Label	Benutzer	No						
Serial number	User	Type Label > Type Label	No write access	No		1	0	4294967294		0
Device class	User	Type Label > Type Label	No write access	No					Solar Inverters	Solar Inverters
Device type	User	Type Label > Type Label	No write access	No					Different device types to be selected (see selection in the communication product)	SB 3600SE-10
Firmware version of the central assembly	User	Device Components > Type Label > Central assembly	No write access	No		1	0	4294967294		0
Hardware version of the central assembly	Installer	Device Components > Type Label > Central assembly	No write access	No		1	0	4294967294		0
Revision status of the central assembly	Installer	Device Components > Type Label > Central assembly	No write access	No		1	0	255		0
Serial number of the central assembly	Installer	Device Components > Type Label > Central assembly	No write access	No		1	0	4294967294		0
SUSyID of the central assembly	Installer	Device Components > Type Label > Central assembly	No write access	No		1	0	4294967294		0
Firmware version of the logic component	Installer	Device Components > Type Label > Logic component	No write access	No		1	0	4294967294		0
Revision status of the logic component	Installer	Device Components > Type Label > Logic component	No write access	No		1	0	255		0
Operating condition	User	Device > Operation	Installateur	No					MPP / Stop / Constant voltage / Standalone operation	MPP
Load parameter	Installer	Device > Operation	Installateur	No					Load preset	Load preset
Reset operating data	Installer	Device > Operation	Installateur	No					N° grid conn. at grid conn.pt. / Reset events / Reset energy logger / Reset operation inhibition / Operating time / Feed-in time / Total yield / Execute all	N° grid conn. at grid conn.pt.
Login required for GridGuard parameter	Installer	Grid Monitoring > Grid monitoring > Country standard	No write access	No					Yes / No	Yes
DC grounding monitoring	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	No					Off / On	On

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Country standard set	User	Grid Monitoring > Grid monitoring	No write access	No					Special setting / AS4777.3 / Island mode 60 Hz / Island mode 50 Hz / PPC / VDE0126-1-1 / EN50438 / EN50438-CZ / Other standard / PPDS / RD1663/661-A / VDE-AR-N4105 / VDE-AR-N4105-MP / VDE-AR-N4105-HP / KEMCO501/2009 / CEI 0-21 internal / CEI 0-21 external / NEN-EN50438 / C10/11/2012 / RD1699 / GB3/2 / VFR2014 / G59/3 / / / Information not available	VDE-AR-N4105-MP
Country standard set	User	Grid Monitoring > Grid monitoring	No write access	No					Special setting / AS4777.3 / Island mode 60 Hz / Island mode 50 Hz / PPC / VDE0126-1-1 / EN50438 / EN50438-CZ / Other standard / PPDS / RD1663/661-A / VDE-AR-N4105 / VDE-AR-N4105-MP / VDE-AR-N4105-HP / KEMCO501/2009 / CEI 0-21 internal / CEI 0-21 external / NEN-EN50438 / C10/11/2012 / RD1699 / GB3/2 / VFR2014 / G59/3 / / / Information not available	VDE-AR-N4105-MP
Set country standard	Installer	Grid Monitoring > Grid monitoring	Installateur	Yes					Different country data sets to be selected (see selection in the communication product)	AS4777.3
Grid nominal voltage	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	V	1	100	280		Default value depends on country data set (see settings in the communication product)
Nominal frequency	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	Hz	0,01	44	65		Default value depends on country data set (see settings in the communication product)
Reconnection time upon restart	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	s	0,001	0	1600		Default value depends on country data set (see settings in the communication product)
Reconnection time upon grid interruption	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	s	0,001	0	1600		Default value depends on country data set (see settings in the communication product)
Reconnection time upon short interruption	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	s	0,001	0	1600		Default value depends on country data set (see settings in the communication product)
Maximum duration of a short interruption	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	s	0,001	0	400		Default value depends on country data set (see settings in the communication product)
Tripping threshold DC current monitoring	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	A	0,001	0,02	2		Default value depends on country data set and device type (see settings in the communication product)
Tripping time DC current monitoring	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	ms	1	0	10000		Default value depends on country data set (see settings in the communication product)

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Minimum insulation resistance	Installer	Grid Monitoring > Grid monitoring > Country standard	Installateur	Yes	Ohm	1	300000	3000000		Default value depends on device type (see settings in the communication product)
Active power gradient	Installer	Equipment & device control system > Inverter	Installateur	Yes	%	1	1	1000		20
Active power gradient connection	Installer	Equipment & device control system > Inverter	Installateur	Yes	%	1	1	10000		Default value depends on country data set (see settings in the communication product)
Reconnect gradient after grid fault	Installer	Equipment & device control system > Inverter	Installateur	Yes	%	1	1	10000		Default value depends on country data set (see settings in the communication product)
Activation of active power gradient for reconnection after grid fault	Installer	Equipment & device control system > Inverter	Installateur	Yes					Off / On	Default value depends on country data set (see settings in the communication product)
Escalation factor	Installer	Grid Monitoring > Grid monitoring > Country standard > Islanding detection	Installateur	Yes		1	0	40		Default value depends on country data set (see settings in the communication product)
Voltage monitoring upper maximum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	300	420		Default value depends on country data set (see settings in the communication product)
Voltage monitoring upper max. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	0,001	0,1	5		Default value depends on country data set (see settings in the communication product)
Voltage monitoring median maximum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	100	300		Default value depends on country data set (see settings in the communication product)
Voltage monitoring median max. threshold trip.time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	1	0	60000		Default value depends on country data set (see settings in the communication product)
Voltage monitoring lower maximum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	100	280		Default value depends on country data set (see settings in the communication product)
Voltage monitoring lower max. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	1	0	60000		Default value depends on country data set (see settings in the communication product)
Voltage monitoring lower minimum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	45	230		Default value depends on country data set (see settings in the communication product)
Voltage monitoring lower min. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	1	0	10000		Default value depends on country data set (see settings in the communication product)
Voltage monitoring of median minimum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	0	230		Default value depends on country data set (see settings in the communication product)
Voltage monitoring median min. threshold trip.time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	1	0	10000		Default value depends on country data set (see settings in the communication product)
Voltage increase protection	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	100	280		Default value depends on country data set (see settings in the communication product)
Voltage increase protection trigger time	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	ms	1	40	10000		Default value depends on country data set (see settings in the communication product)
Min. voltage for reconnection	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	45	240		Default value depends on country data set (see settings in the communication product)
Max. voltage for reconnection	Installer	Grid Monitoring > Grid monitoring > Country standard > Voltage monitoring	Installateur	Yes	V	0,01	100	280		Default value depends on country data set (see settings in the communication product)
Frequency monitoring upper maximum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	50	65		Default value depends on country data set (see settings in the communication product)
Frq. monitoring upper max. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	10000		Default value depends on country data set (see settings in the communication product)

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Frequency monitoring lower maximum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	50	65		Default value depends on country data set (see settings in the communication product)
Frq. monitoring lower max. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	90000		Default value depends on country data set (see settings in the communication product)
Frequency monitoring upper minimum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	44	60		Default value depends on country data set (see settings in the communication product)
Frq. monitoring upper min. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	300000		Default value depends on country data set (see settings in the communication product)
Frequency monitoring lower minimum threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	44	60		Default value depends on country data set (see settings in the communication product)
Frq. monitoring lower min. threshold trip. time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	300000		Default value depends on country data set (see settings in the communication product)
Maximum allowable frequency drift	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	0	10		Default value depends on country data set (see settings in the communication product)
Tripping time when exceeding max. frequency drift	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	10000		Default value depends on country data set (see settings in the communication product)
Frequency monitoring switchable max. threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	50	65		Default value depends on country data set (see settings in the communication product)
Frequency monit. switchable max. threshold tripping time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	90000		Default value depends on country data set (see settings in the communication product)
Frequency monitoring switchable min. threshold	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	44	60		Default value depends on country data set (see settings in the communication product)
Frequency monit. switchable min. threshold tripping time	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	ms	1	0	300000		Default value depends on country data set (see settings in the communication product)
Lower frequency for reconnection	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	44	60		Default value depends on country data set (see settings in the communication product)
Upper frequency for reconnection	Installer	Grid Monitoring > Grid monitoring > Country standard > Frequency monitoring	Installateur	Yes	Hz	0,01	50	65		Default value depends on country data set (see settings in the communication product)
Op. mode of stat.V stab., stat.V stab. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization	Installateur	Yes					Off / React. power/volt. char. Q(U) / Reactive power Q, direct spec. / Q specified by PV system control / cosPhi, direct specific. / cosPhi, specified by PV system control / cosPhi(P) characteristic / Reactive power/volt. char. Q(U) with meas. points / cos Phi or Q specification through optimum PV system control	Default value depends on country data set (see settings in the communication product)
Excit. type at start point, cosPhi(P) char. conf.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes					Overexcited / Underexcited	Default value depends on country data set (see settings in the communication product)
cosPhi at start point, cosPhi(P) char. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes		0,01	0,8	1		Default value depends on country data set (see settings in the communication product)
Act. power at start point, cosPhi(P) char. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)

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Deactivating voltage, cosPhi(P) char. conf.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes	%	0,1	0	120		Default value depends on country data set (see settings in the communication product)
Activating voltage, cosPhi(P) char. conf.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes	%	0,1	0	120		Default value depends on country data set (see settings in the communication product)
Excit. type at end point, cosPhi(P) char. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes					Overexcited / Underexcited	Default value depends on country data set (see settings in the communication product)
cosPhi at end point, cosPhi(P) char. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes		0,01	0,8	1		Default value depends on country data set (see settings in the communication product)
Act. power at end point, cosPhi(P) char. config.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi(P) characteristic	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)
cosPhi setpoint, cosPhi config., direct specif.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi, direct specification	Installateur	Yes		0,01	0,8	1		Default value depends on country data set (see settings in the communication product)
cosPhi excit.type, cosPhi config., direct spec.	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Configuration of cosPhi, direct specification	Installateur	Yes			68	2		Default value depends on country data set (see settings in the communication product)
Operating mode of active power reduction in case of overfrequency P(f)	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f)	Installateur	Yes					Off / Linear gradient	Default value depends on country data set (see settings in the communication product)
Active power gradient after reset frequency, linear instantaneous power gradient configuration	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	%	1	1	10000		Default value depends on country data set (see settings in the communication product)
Waiting time of active power grad. after reset frequency, conf. of linear instantaneous power gradient	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	s	1	0	1600		Default value depends on country data set (see settings in the communication product)
Difference between starting frequency and grid frequency, linear instantaneous power gradient configuration	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	Hz	0,01	0	5		Default value depends on country data set (see settings in the communication product)
Difference between reset frequency and grid frequency, linear instantaneous power gradient configuration	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	Hz	0,01	0	5		Default value depends on country data set (see settings in the communication product)
Active power gradient, linear instantaneous power gradient configuration	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	%	1	10	130		Default value depends on country data set (see settings in the communication product)
Activation of stay-set indicator function, linear instantaneous power gradient configuration	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes					Off / On	Default value depends on country data set (see settings in the communication product)
Lower frequency limit prior to end of active power reduction, linear instant. power gradient conf.	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	Hz	0,01	-5	0		Default value depends on country data set (see settings in the communication product)
Upper frequency limit prior to end of active power reduction, linear instant. power gradient conf.	Installer	Equipment & device control system > Inverter > Config. active power reduct. at overfrequency P(f) > Config. of linear instantaneous power gradient	Installateur	Yes	Hz	0,01	0	5		Default value depends on country data set (see settings in the communication product)
Operating mode of feed-in management	Installer	Equipment & device control system > Inverter > Configuration of feed-in management	Installateur	Yes					Off / Active power limitation P in W / Act. power lim. as % of Pmax / Act. power lim. via PV system ctrl	Default value depends on country data set (see settings in the communication product)
Characteristic curve number of the PV system control procedure P(U)	Installer	Equipment & device control system > Inverter > Conf. of the PV system control procedure P(U)	Installateur	Yes		1	0	2		Default value depends on country data set (see settings in the communication product)
Number of points to be used, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		1	1	8		Default value depends on country data set (see settings in the communication product)
X-axis reference, conf. of grid integration char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes					Voltage in V / Voltage in percentages of Un	Default value depends on country data set (see settings in the communication product)

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Y-axes reference, conf. of grid integration char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes					Var in percentages of Pmax / Power in percentages of Pmax / Power in percentages of frozen active power	Default value depends on country data set (see settings in the communication product)
X value 1, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 1, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
X value 2, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 2, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
Adjustment time of characteristic operating point, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes	s	0,1	0	1000		Default value depends on country data set (see settings in the communication product)
Decrease ramp, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes	%	0,1	1	10000		Default value depends on country data set (see settings in the communication product)
Increase ramp, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes	%	0,1	1	10000		Default value depends on country data set (see settings in the communication product)
Reference voltage, PV system control	Installer	AC Side > Inverter > PV system control	Installateur	Yes	V	1	80	245		Default value depends on country data set (see settings in the communication product)
Reference correction voltage, PV system control	Installer	AC Side > Inverter > PV system control	Installateur	Yes	V	1	-20	20		Default value depends on country data set (see settings in the communication product)
X value 3, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 3, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100
X value 4, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 4, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100
X value 5, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 5, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100
X value 6, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 6, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100
X value 7, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 7, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100

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X value 8, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	70	280		100
Y value 8, conf. of grid integr. char. 1	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 1	Installateur	Yes		0,001	-100	100		100
Number of points to be used, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		1	1	8		Default value depends on country data set (see settings in the communication product)
Adjustment time of char. operating point, conf. of grid integration char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes	s	0,1	0	1000		Default value depends on country data set (see settings in the communication product)
Decrease ramp, conf. of grid integration char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes	%	0,1	1	10000		Default value depends on country data set (see settings in the communication product)
Increase ramp, conf. of grid integration char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes	%	0,1	1	10000		Default value depends on country data set (see settings in the communication product)
Input unit, conf. of grid integration char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes					Voltage in V / Voltage in percentages of Un	Default value depends on country data set (see settings in the communication product)
Output frequency, conf. of grid integration char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes					Var in percentages of Pmax / Power in percentages of Pmax / Power in percentages of frozen active power	Default value depends on country data set (see settings in the communication product)
X value 1, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 1, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
X value 2, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 2, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
X value 3, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 3, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
X value 4, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		Default value depends on country data set (see settings in the communication product)
Y value 4, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		Default value depends on country data set (see settings in the communication product)
X value 5, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		100
Y value 5, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		100
X value 6, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		100
Y value 6, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		100

Parametername for Speedwire/Webconnect	Level	Displayed group in the communication product	Write access	Grid Guard protection	Unit	Inrement	Minimum value	Maximum value	Setting options	Default value
X value 7, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		100
Y value 7, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		100
X value 8, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	70	280		100
Y value 8, conf. of grid integr. char. 2	Installer	Equipment & device control system > Inverter > Conf. of the grid integr. characteristic curves > Characteristic 2	Installateur	Yes		0,001	-100	100		100
Grid disconn. at 0% specif. by feeding management	Installer	Equipment & device control system > Inverter > Configuration of feed-in management	Installateur	No					Yes / No	No
PWM inverse voltage, dynamic grid support configuration	Installer	Equipment & device control system > Inverter > Configuration of dynamic grid support	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)
Hysteresis voltage, dynamic grid support configuration	Installer	Equipment & device control system > Inverter > Configuration of dynamic grid support	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)
Phase assignment	Installer	AC Side > Inverter	Installateur	No					Phase L1 / Phase L2 / Phase L3	Phase L1
Maximum active power device	User	Device > Inverter	No write access	No	W	1	0	5000		Default value depends on device type (see settings in the communication product)
Set active power limit	Installer	Device > Inverter	Installateur	No	W	1	0	5060		Default value depends on device type (see settings in the communication product)
Deactivation delay	Installer	Device > Inverter	Installateur	No	s	1	1	3600		Default value depends on device type (see settings in the communication product)
End point of the power control via frequency	Installer	AC Side > Inverter > Island mode	Installateur	No	Hz	0,01	0	5		2
Start. point of the power control via frequency	Installer	AC Side > Inverter > Island mode	Installateur	No	Hz	0,01	0	5		1
Active power limitation P, active power configuration	Installer	Equipment & device control system > Inverter > Configuration of feed-in management > Configuration of active power P limitation	Installateur	Yes	W	1	0	5060		Default value depends on device type (see settings in the communication product)
Active power limitation P, active power configuration	Installer	Equipment & device control system > Inverter > Configuration of feed-in management > Configuration of active power P limitation	Installateur	Yes	%	1	0	100		100
Active power limitation by PV system control	Installer	Equipment & device control system > Inverter > Configuration of feed-in management > Configuration of active power mode of PV system ctrl	Installateur	No	W	1				
Normalized active power limitation by PV system ctrl	Installer	Equipment & device control system > Inverter > Configuration of feed-in management > Configuration of active power mode of PV system ctrl	Installateur	No	%	1				
Reactive power gradient	Installer	Equipment & device control system > Inverter	Installateur	Yes	%	1	1	50		20
Reactive power set value as a %	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. of reactive power Q, direct specification	Installateur	Yes	%	0,1	-50	50		0
Specified voltage U _{Q0} , reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes	%	1	80	120		100
Symmetrical limit for maximum reactive power, reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes	%	0,1	0	50		0
Voltage spread, reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes	%	0,1	0	20		0
Reactive power gradient, reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes	%	0,1	0	10		0

Parametername for Speedwire/Webconnect	Level	Displayed group in the communication product	Write access	Grid Guard protection	Unit	Increment	Minimum value	Maximum value	Setting options	Default value
Adjustment time for characteristic operating point, reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes	s	1	2	60		10
Reactive power droop mode, reactive power/voltage characteristic curve configuration Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power/voltage charact. curve Q(U)	Installateur	Yes					Hysteresis / Dead band	Hysteresis
Characteristic number, conf. of reactive power/voltage char. Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Conf. of reactive power/volt. char. Q(U) with meas. points	Installateur	Yes		1	0	2		Default value depends on country data set (see settings in the communication product)
Deactivating active power, conf. of reactive power/voltage char. Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Conf. of reactive power/volt. char. Q(U) with meas. points	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)
Activating active power, conf. of reactive power/voltage char. Q(U)	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Conf. of reactive power/volt. char. Q(U) with meas. points	Installateur	Yes	%	1	0	100		Default value depends on country data set (see settings in the communication product)
Normalized reactive power limitation by PV system ctrl	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > Config. reactive power mode of PV system control	Installateur	No	%	0,1				
Dis.pow.factor that can be changed via PV system ctrl	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > cosPhi config. method of PV system control	Installateur	No		0,0001				
Excitation type that can be changed by PV system ctrl	Installer	Equipment & device control system > Inverter > Configuration of static voltage stabilization > cosPhi config. method of PV system control	Installateur	No						
Fast shut-down	Installer	Equipment & device control system > Inverter	Installateur	No						
Frequency band narrowing	Installer	Equipment & device control system > Inverter	Installateur	No						
Currently set apparent power limit	Installer	Device > Inverter	Installateur	No	VA	1	0	5060		Default value depends on device type (see settings in the communication product)
Maximum apparent power device	Installer	Device > Inverter	No write access	No	VA	1	0	5000		Default value depends on device type (see settings in the communication product)
Operating mode of power control module	User	Equipment & device control system > Power control module	Installateur	Yes					Off / Active power limitation / Remote shut-down	Default value depends on country data set (see settings in the communication product)
BMS firmware version	Installer	Device Components > Type Label > Battery management system	No write access	No		1	0	4294967295		4294967295
BMS hardware version	Installer	Device Components > Type Label > Battery management system	No write access	No		1	0	4294967295		4294967295
BMS serial number	Installer	Device Components > Type Label > Battery management system	No write access	No		1	0	4294967295		4294967295
BMS SUSyID	Installer	Device Components > Type Label > Battery management system	No write access	No		1	0	4294967295		4294967295
Battery manufacturer	Installer	Type Label > Type Label > Battery	No write access	No					LG Chem / Information not available	Information not available
Date of battery manufacture	Installer	Type Label > Type Label > Battery	No write access	No		1	0	4294967295		4294967295
BMS type	Installer	Device Components > Type Label > Battery management system	No write access	No					BAT-2.0A-SE-10 / Information not available	Information not available
Battery nominal capacity	User	Battery > Battery	No write access	No	Wh	1	0	4294967295		4294967295
	User	Device > Self-consumption	Installateur	No	%	1	0	100		0
Battery installation mode	Installer	Battery > Battery	Installateur	No			102	3		0
Set PV generation meter	User	AC Side > PV generation	Benutzer	No	kWh	1	0	4000000		0
Set battery charge	User	Battery > Battery charge	Benutzer	No	kWh	1	0	4000000		0
Set battery discharge	User	Battery > Battery discharge	Benutzer	No	kWh	1	0	4000000		0
BMS operating mode	Installer	Battery > Battery management system	Installateur	No						
Min. battery charge capac.	Installer	Battery > Battery management system	Installateur	No	W	1				
Max. battery charge capac.	Installer	Battery > Battery management system	Installateur	No	W	1				
Min. battery discharge capac.	Installer	Battery > Battery management system	Installateur	No	W	1				
Max. battery discharge capac.	Installer	Battery > Battery management system	Installateur	No	W	1				
Mains exch. capac. target value	Installer	Battery > Battery management system	Installateur	No	W	1				

Parametername for Speedwire/Webconnect	Level	Displayed group in the communication product	Write access	Grid Guard protection	Unit	Increment	Minimum value	Maximum value	Setting options	Default value
Avg. eff. power lim. grid conn. pt.	User	Equipment & device control system > Grid connection point	Installateur	No	W	1	0	50000		Default value depends on device type (see settings in the communication product)
Batt. manuf's max. charge capac.	Installer	Battery > Battery switch	No write access	No	W	1	0	2075		Default value depends on device type (see settings in the communication product)
Batt. manuf's min. charge capac.	Installer	Battery > Battery switch	No write access	No	W	1	0	2075		0
Batt. manuf's max. disch. capac.	Installer	Battery > Battery switch	No write access	No	W	1	0	2075		2075
Batt. manuf's min. disch. capac.	Installer	Battery > Battery switch	No write access	No	W	1	0	2075		0
Operating mode for absent active power limitation	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Act. power lim. via PV system ctrl	Installateur	No			125	2		0
Timeout for absent active power limitation	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Act. power lim. via PV system ctrl	Installateur	No	s	1	5	86400		600
Fallback act power lmt P in % of WMax for absent act power lmt	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Act. power lim. via PV system ctrl	Installateur	No	%	0,01	0	100		100
Operating mode for absent reactive power control	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Q specified by PV system control	Installateur	No			125	2		0
Timeout for absent reactive power control	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Q specified by PV system control	Installateur	No	s	1	5	86400		600
Fallback react power Q in % of WMax for absent react power ctr	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > Q specified by PV system control	Installateur	No	%	0,01	-50	50		0
Op. mode for absent cos Phi spec	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > cosPhi, specified by PV system control	Installateur	No			125	2		0
Timeout for absent cos Phi spec	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > cosPhi, specified by PV system control	Installateur	No	s	1	5	86400		600
Fallback cos Phi for absent cos Phi spec	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > cosPhi, specified by PV system control	Installateur	No		0,0001	0,8	1		1
Fallback stimulation type for absent cos Phi spec	Installer	Equipment & device control system > Inverter > Configuration of plant control via communication > cosPhi, specified by PV system control	Installateur	No			68	2		1
Set user password	User	User Rights > Access Control	Benutzer	No						
Set installer password	Installer	User Rights > Access Control	Installateur	No						
Firmware version of the communication assembly	Installer	Device Components > Type Label > Communication assembly	No write access	No		1	0	4294967294		0
Hardware version of the communication assembly	Installer	Device Components > Type Label > Communication assembly	No write access	No		1	0	4294967294		0
Revision status of the communication assembly	Installer	Device Components > Type Label > Communication assembly	No write access	No		1	0	255		0
Serial number of the communication assembly	Installer	Device Components > Type Label > Communication assembly	No write access	No		1	0	4294967294		0
SUSyID of the communication assembly	Installer	Device Components > Type Label > Communication assembly	No write access	No		1	0	4294967294		0
Revision status of the display	Installer	Device Components > Type Label > Display	No write access	No		1	0	255		0
Find device	User	Device > System	Benutzer	No					Off / LED blinking	Off
Software package	User	Type Label > Type Label	No write access	No		1	0	4294967294		0
	User	Type Label > Type Label	No write access	No			18	1		
	Installer	Type Label > Type Label	No write access	No			19	1		
Operating mode of multifunction relay	User	Device > Multifunction relay	Benutzer	No					Switching status grid relay / Fault indication / Fan control / Self-consumption / Control via communication / Battery bank	Fault indication
Status of MFR with control via communication	User	Device > Multifunction relay > Control via communication	Benutzer	No					Off / On	Off
Minimum On time for MFR self-consumption	User	Device > Multifunction relay > Self-consumption	Benutzer	No	min	1	1	1440		120
Minimum On power for MFR self-consumption	User	Device > Multifunction relay > Self-consumption	Benutzer	No	W	1	100	5000		1500
Minimum power On time, MFR self-consumption	User	Device > Multifunction relay > Self-consumption	Benutzer	No	min	1	0	1440		30
Minimum On power for MFR battery bank	User	Device > Multifunction relay > Battery bank	Benutzer	No	W	1	100	5000		1500
Minimum time before reconnection of MFR battery bank	User	Device > Multifunction relay > Battery bank	Benutzer	No	min	1	1	1440		30

Parametername for Speedwire/Webconnect	Level	Displayed group in the communication product	Write access	Grid Guard protection	Unit	Inrement	Minimum value	Maximum value	Setting options	Default value
Language of the user interface	User	Device > Country settings	Benutzer	No					Deutsch / English / Italiano / Español / Français / Ελληνικά / 한국어 / Česky / Português / Nederlands / Slovenski / Български / Polski / 日本語	English
Update operating mode	Installer	Device > Update	Installateur	No					Off / On / Force	On
Webconnect functionality switched on	User	External Communication > Webconnect	Benutzer	No			61	2		0
MAC address	User	Type Label > Type Label	No write access	No						
Automatic speedwire configuration switched on	User	PV system communication > Speedwire	Benutzer	No			63	2		0
Speedwire IP address	User	PV system communication > Speedwire	Benutzer	No						
Speedwire subnet mask	User	PV system communication > Speedwire	Benutzer	No						
Speedwire gateway address	User	PV system communication > Speedwire	Benutzer	No						
Speedwire DNX server address	User	PV system communication > Speedwire	Benutzer	No						
Speedwire meter serial no.	User	PV system communication > Measured values > Meter on Speedwire	Benutzer	No		1	0	4294967294		0
Automatic updates activated	User	Device > Update	Benutzer	No			76	2		1
Check for update and install it	User	Device > Update	Benutzer	No			78	1		
Goose application ID	Installer	External Communication > IEC 61850 configuration > GOOSE configuration	Installateur	Yes		1	0	16384		16384
Power control module D1: 0 D2:0 D3: 0 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		100
Power control module D1: 1 D2:0 D3: 0 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		0
Power control module D1: 0 D2:1 D3: 0 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		30
Power control module D1: 1 D2:1 D3: 0 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:0 D3: 1 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		60
Power control module D1: 1 D2:0 D3: 1 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:1 D3: 1 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 1 D2:1 D3: 1 D4: 0	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:0 D3: 0 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 1 D2:0 D3: 0 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:1 D3: 0 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 1 D2:1 D3: 0 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:0 D3: 1 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 1 D2:0 D3: 1 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 0 D2:1 D3: 1 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module D1: 1 D2:1 D3: 1 D4: 1	Installer	Device > Power control module > Active power limitation	Installateur	No	%	1	-1	100		-1
Power control module release time	Installer	Device > Power control module	Installateur	No	h	1	0	99		0
Power control module release value	Installer	Device > Power control module	Installateur	No	%	1	-1	100		100
Power control module fault tolerance time	Installer	Device > Power control module	Installateur	No	s	1	1	60		5
Set offset of the supplied energy	User	AC Side > Measured values > Grid measurements	Benutzer	No	kWh	1	-4000000	4000000		0
Set offset of the absorbed energy	User	AC Side > Measured values > Grid measurements	Benutzer	No	kWh	1	-4000000	4000000		0
Storage management oper. mode	Installer	Energy management > Operation	Installateur	No			101	2		0
	User	Further Applications > Operation	No write access	No			103	1		0