

SMA Sunny Central			English		#5144	Installer	Log out	ENERGY THAT CHANGES			
Analysis		External devices		Events		Diagnosis					
DC side PV		Inverter		AC side		Grid		Spot values		Detailed analysis	
All Spot values / favorites / top						Grouped display					
Filter											
Enter keyword to filter parameters											
Grid Management (127/127)											
Inverter Function (104/104)											
Derating (6/6)											
MPP Maximum Power Point (3/3)											
DC Control (3/3)											
AID Anti Islanding Detection (1/1)											
Temperature Control (5/5)											
PLD Phase Lost Detection (1/1)											
Isolation Monitoring (7/7)											
Impedance Adapter (3/3)											
Grid Guard (62/62)											
#446	VCtrl.Hi1Lim	1,10 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 1						
#451	VCtrl.Hi1LimTm	1000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 1						
#447	VCtrl.Hi2Lim	1,20 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 2						
#452	VCtrl.Hi2LimTm	160 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 2						
#448	VCtrl.Hi3Lim	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 3						
#453	VCtrl.Hi3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 3						
#449	VCtrl.Hi4Lim	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 4						
#454	VCtrl.Hi4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 4						
#450	VCtrl.Hi5Lim	2,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: upper switch-off limit 5						
#455	VCtrl.Hi5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time upper switch-off limit 5						
#494	VCtrl.Hyst	0,002 pu	(-0,100 ... 0,100)	pu	Monitoring the grid voltage: voltage hysteresis of the switch-off limits						
#456	VCtrl.Lo1Lim	0,50 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: lower switch-off limit 1						
#461	VCtrl.Lo1LimTm	1000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 1						
#457	VCtrl.Lo2Lim	0,90 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: lower switch-off limit 2						
#462	VCtrl.Lo2LimTm	2000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 2						
#458	VCtrl.Lo3Lim	0,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: lower switch-off limit 3						
#463	VCtrl.Lo3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 3						
#459	VCtrl.Lo4Lim	0,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: lower switch-off limit 4						
#464	VCtrl.Lo4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 4						
#460	VCtrl.Lo5Lim	0,00 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: lower switch-off limit 5						
#465	VCtrl.Lo5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the grid voltage: waiting time lower switch-off limit 5						
#444	VCtrl.OpMaxNom	1,050 pu	(0,000 ... 2,000)	pu	Monitoring the grid voltage: upper switch-on limit						
#445	VCtrl.OpMinNom	0,900 pu	(0,000 ... 2,000)	pu	Monitoring the grid voltage: lower switch-on limit						
#6995	AuxSply.ConCIsTm	500 ms	(0 ... 100000)	ms	Overvoltage protection of the internal power supply, waiting time for connection after the threshold has not been met						
#6991	AuxSply.OvVolLim	1,20 pu	(0,00 ... 2,00)	pu	Overvoltage protection of the internal power supply, threshold						
#6989	AuxSply.AutoProtMod	Enable	Overvoltage protection of the internal power supply, activation								
#6993	AuxSply.ConOpnTm	5 ms	(0 ... 100000)	ms	Overvoltage protection of the internal power supply, waiting time for disconnection after exceeding the threshold						
#492	VCtrl.PkLim	1,30 pu	(0,00 ... 2,00)	pu	Monitoring the grid voltage: switch-off limit spot value monitoring (peak value)						
#493	VCtrl.PkLimTm	6	(0 ... 1000)		Monitoring the grid voltage: waiting time for the switch-off limit spot value monitoring						
#495	HzCtrl.DifMax	50,000 Hz/s	(0,000 ... 50,000)	Hz/s	Monitoring the power frequency: maximum permissible alteration rate						
#496	HzCtrl.DifMaxTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time of the maximum permissible alteration rate						
#468	HzCtrl.Hi1Lim	51,50 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 1						
#474	HzCtrl.Hi1LimTm	100 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 1						
#469	HzCtrl.Hi2Lim	51,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 2						
#475	HzCtrl.Hi2LimTm	90000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 2						
#470	HzCtrl.Hi3Lim	55,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 3						
#476	HzCtrl.Hi3LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 3						
#471	HzCtrl.Hi4Lim	55,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 4						
#477	HzCtrl.Hi4LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 4						
#472	HzCtrl.Hi5Lim	55,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 5						
#478	HzCtrl.Hi5LimTm	10000 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 5						
#473	HzCtrl.Hi6Lim	55,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-off limit 6						
#479	HzCtrl.Hi6LimTm	1 ms	(0 ... 1000000)	ms	Monitoring the power frequency: waiting time upper switch-off limit 6						
#480	HzCtrl.Lo1Lim	47,50 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 1						
#486	HzCtrl.Lo1LimTm	100 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 1						
#481	HzCtrl.Lo2Lim	49,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 2						
#487	HzCtrl.Lo2LimTm	90000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 2						
#574	HzCtrl.Lo3Lim	45,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 3						
#488	HzCtrl.Lo3LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 3						
#483	HzCtrl.Lo4Lim	45,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 4						
#489	HzCtrl.Lo4LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 4						
#484	HzCtrl.Lo5Lim	45,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 5						
#490	HzCtrl.Lo5LimTm	10000 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 5						
#485	HzCtrl.Lo6Lim	45,00 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-off limit 6						
#491	HzCtrl.Lo6LimTm	1 ms	(0 ... 10000000)	ms	Monitoring the power frequency: waiting time lower switch-off limit 6						
#466	HzCtrl.OpMaxNom	50,30 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: upper switch-on limit						
#467	HzCtrl.OpMinNom	47,50 Hz	(40,00 ... 70,00)	Hz	Monitoring the power frequency: lower switch-on limit						
#7684	HzCtrl.OpMaxNomRecon	50,30 Hz	(40,00 ... 70,00)	Hz	Monitoring of grid frequency: upper switch-on limit after grid open						
Serial number: 3006846991		Inverter status: 10.02.25.R		Inverter name: GridFeed		 User: Installer			GSM		
Software package: 10.02.21.R		Communication unit firmware version: 10.02.25.R				Date: 30.09.2025 13:01:28					



grid connection

nection

Analysis	External devices	Events	Diagnosis		
DC side PV	Inverter	AC side	Grid	Spot values	Detailed analysis
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Filter

Battery Operation (14/14)
Grid Forming (15/15)
VolRtg dependent parameter (9/9)