AT	SN	Name		Wert		Einheit	Bereich
		Profilname Balkonkraftwerk	**AT-OVE-E-8001**	**LN_50Hz**			
1	1	Voltage limits and trip time					
2	2	Over voltage limit		264.5	280	V	~
	3	Over voltage limit trip time			0.1	s	~
	4	Over voltage limit (slow)			**255**	V	240~270
	5	Over voltage limit trip time (slow)			**0.5**	s	0.1~20
3	6	Under voltage limit		184	110	V	~
	7	Under voltage limit trip time			0.1	s	~
	8	Under voltage limit (slow)			**170**	V	170~220
	9	Under voltage limit trip time (slow)			**0.5**	s	0.1~20
4		Average over voltage		**253.11**		V	253~264.5
5	10	Frequency limits and trip time					
6	11	Over frequency limit		51.5	54	Hz	~
	12	Over frequency limit trip time			**0.1**	s	0.05~1
	13	Over frequency limit (slow)			**53**	Hz	50.2~54
	14	Over frequency limit trip time (slow)			**0.5**	s	0.1~20
7	15	Under frequency limit		47.5	46	Hz	~
	16	Under frequency limit trip time			0.1	s	~
	17	Under frequency limit (slow)			**47**	Hz	46~49.5
	18	Under frequency limit trip time (slow)			**0.5**	s	0.1~20
8	19	Reconnect time					
9		Short term reconnect time		**8**		s	5~10
10	20	Long term reconnect time		**65**	**180**	s	AT_OVE: 60~300 bzw. LN: 20~800

1	**Profilname PV-Anlage gemäß TOR**	**AT_TOR_Erzeuger_default**	**AT_TOR_Erzeuger_cosphi=1**	**AT_TOR_Erzeuger_cosphi(P)**	**AT_TOR_Erzeuger_Q(U)**		
2	H/LVRT						
3	Nominal Voltage (NV)	230	230	230	230	V	~
4	Low Voltage 1 (LV1)	**184**	**184**	**184**	**184**	V	170~184
5	LV1 Maximum Trip Time (MTT)	1.5	1.5	1.5	1.5	s	~
6	High Voltage 1 (HV1)	**253.3**	**253.3**	**253.3**	**255.3**	V	253~270
7	HV1 Maximum Trip Time (MTT)	0.1	0.1	0.1	0.1	s	~
8	Low Voltage 2 (LV2)	57.5	57.5	57.5	57.5	V	~
9	LV2 Maximum Trip Time (MTT)	0.5	0.5	0.5	0.5	s	~
10	High Voltage 2 (HV2)	**264.5**	**264.5**	**264.5**	**264.5**	V	264.5~275
11	HV2 Maximum Trip Time (MTT)	0.08	0.08	0.08	0.08	s	~
12	10mins Average High Voltage (AHV)	**255.3**	**255.3**	**255.3**	**255.3**	V	245~255.3
13	**H/LFRT**						
14	Nominal Frequency	50	50	50	50	Hz	~
15	Low Frequency 1 (LF1)	**47.5**	**47.5**	**47.5**	**47.5**	Hz	47.5~49
16	LF1 Maximum Trip Time (MTT)	0.1	0.1	0.1	0.1	s	~
17	High Frequency 1 (HF1)	**51.5**	**51.5**	**51.5**	**51.5**	Hz	50.5~51.5
18	HF1 Maximum Trip time (MTT)	0.1	0.1	0.1	0.1	s	~

19	**Islanding Detection (ID)**						
20	ID Function Activated	**1**	**1**	**1**	**1**		0~1
21	**Reconnection (RT)**						
22	Reconnect Time (RT)	**60**	**60**	**60**	**60**	s	10~300
23	Reconnect High Voltage (RHV)	**250.7**	**250.7**	**250.7**	**250.7**	V	240~250.7
24	Reconnect Low Voltage (RLV)	**195.5**	**195.5**	**195.5**	**195.5**	V	195.5~210
25	Reconnect High Frequency (RHF)	**50.1**	**50.1**	**50.1**	**50.1**	Hz	50.1~50.9
26	Reconnect Low Frequency (RLF)	**47.5**	**47.5**	**47.5**	**47.5**	Hz	47.5~49.9
27	**Ramp Rates(RR)**						
28	Normal Ramp up Rate (RUR_NM)	**20**	**20**	**20**	**20**	Rated%/s	10~100
29	Soft Start Ramp up Rate (RUR_SS)	**0.16**	**0.16**	**0.16**	**0.16**	Rated%/s	0.1~10
30	**Frequency Watt (FW)**						
31	FW Function Activated	**1**	**1**	**1**	**1**		0~1
32	Start of Frequency Watt Droop (Fstart)	**50.2**	**50.2**	**50.2**	**50.2**	Pn%/Hz	50.2~52
33	FW Droop Slope (Kpower_Freq)	**40**	**40**	**40**	**40**	Pn%/Hz	16.7~100
34	Recovery Ramp Rate (RRR)	**0.5**	**0.5**	**0.5**	**0.5**	Pn%/s	0.1~50
35	**Volt Watt (VW)**						
36	VW Function Activated	**1**	**1**	**1**	**1**		0~1
37	Start of Voltage Watt Droop (Vstart)	253	253	253	253	V	~
38	End of Voltage Watt Droop (Vend)	257.6	257.6	257.6	257.6	V	~
39	VW Droop Slope (Kpower_Volt)	21.74	21.74	21.74	21.74	Pn%/V	~
40	**Volt Var (VV)**						
41	VV Function Activated	**0**	**0**	**0**	**1**		0~1
42	Voltage Set Point V1	211.6	211.6	211.6	211.6	V	~
43	Reactive Set Point Q1	**30**	**30**	**30**	**30**	%Pn	0~50
44	Voltage Set Point V2	220.8	220.8	220.8	220.8	V	~
45	Voltage Set Point V3	241.5	241.5	241.5	241.5	V	~
46	Voltage Set Point V4	248.4	248.4	248.4	248.4	V	~
47	Reactive Set Point Q4	**30**	**30**	**30**	**30**	%Pn	0~50
48	**Specified Power Factor (SPF)**						
49	SPF Function Activated	**0**	**1**	**1**	**0**		0~1
50	Power Factor (PF)	**Voreilend 0.95**	**Voreilend 1**	**Voreilend 1**	**Voreilend 0.95**		0.9~1
51	**Watt Power Factor (WPF)**						
52	WPF Function Activated	**1**	**0**	**0**	**0**		0~1
53	Start of Power of WPF (Pstart)	50	50	50	50	%Pn	~
54	Power Factor at Rated Power (PFRP)	**0.9**	**0.95**	**0.95**	**0.95**		0.8~1
55	**Active Power Control (APC)**						
56	APC Function Activated	**1**	**1**	**1**	**1**		0~1
57	Power Ramp Rate (PRR)	**100**	**100**	**100**	**100**	Pn%/s	0.33~100
58	**Reactive Power Control (RPC)**						
59	RPC Function Activated	**0**	**0**	**0**	**0**		0~1
60	Reactive Power (VAR)	**Voreilend 0**	**Voreilend 1**	**Voreilend 0**	**Voreilend 0**	%Sn	0~50