Appendix B: Eniscope Reported Parameters

Item	Symbol	Unit	Description
1	ts	sec.	Unix timestamp
2	A_1	deg.	Angle between V1 and V1
3	A_2	deg.	Angle between V1 and V2
4	A_3	deg.	Angle between V1 and V3
5	AE	VAh	Apparent energy of the system (sum of all three phases)
6	AE_1	VAh	Apparent energy of phase-1
7	AE_2	VAh	Apparent energy of phase-2
8	AE_3	VAh	Apparent energy of phase-3
9	E	Wh	Cumulative Nett Energy of the system (sum of all three phases)
10	E_1	Wh	Cumulative Energy of phase-1
11	E_2	Wh	Cumulative Energy of phase-2
12	E_3	Wh	Cumulative Energy of phase-3
13	Ex	Wh	Cumulative Nett Energy export of the system (sum of all three phases)
14	Ex_1	Wh	Cumulative Energy export of phase-1
15	Ex_2	Wh	Cumulative Energy export of phase-2
16	Ex_3	Wh	Cumulative Energy export of phase-3
17	F	Hz	Line frequency of the system (average of all three phases)
18	I	A	RMS line current of the system (arithmetic mean of I1, I2 and I3)
19	I_1	A	RMS line current of phase-1
20	I_2	A	RMS line current of phase-2
21	I_3	A	RMS line current of phase-3
22	In	A	Neutral current, RMS current in the neutral conductor
23	P	W	Power of the system (sum of all three phases)
24	P_1	W	Power of phase-1
25	P_2	W	Power of phase-2
26	P_3	W	Power of phase-3
27	PF	n/a	Power factor of the system (arithmetic mean of PF1, PF2 and PF3)
28	PF_1	n/a	Power factor of phase-1
29	PF_2	n/a	Power factor of phase-2
30	PF_3	n/a	Power factor of phase-3
31	Q	var	Reactive power of the system (sum of all three phases)
32	Q_1	var	Reactive power of phase-1
33	Q_2	var	Reactive power of phase-2
34	Q_3	var	Reactive power of phase-3
35	RE	varh	Cumulative Nett Reactive energy of the system (sum of all three phases)
36	RE_1	varh	Cumulative Reactive energy of phase-1
37	RE_2	varh	Cumulative Reactive energy of phase-2
38	RE_3	varh	Cumulative Reactive energy of phase-3
39	REx	varh	Cumulative Nett Reactive energy export of the system (sum of all three phases)
40	REx_1	varh	Cumulative Reactive energy export of phase-1
41	REx_2	varh	Cumulative Reactive energy export of phase-2
42	REx_3	varh	Cumulative Reactive energy export of phase-3
43	S	va	Cumulative Nett Apparent power of the system (sum of all three phases)
44	S_1	va	Cumulative Apparent power of phase-1
45	S_2	va	Cumulative Apparent power of phase-2
46	S_3	va	Cumulative Apparent power of phase-1
47	U	V	Line to line voltage of the system (arithmetic mean of U1, U2 and U3)
48	U_1	V	Line (phase-1) to line (phase-2) voltage
49	U_2	V	Line (phase-2) to line (phase-3) voltage
50	U_3	V	Line (phase-3) to line (phase-1) voltage

51	V	V	RMS line to neutral voltage of the system (arithmetic mean of V1, V2 and V3)
52	V_1	V	RMS line (phase-1) to neutral voltage
53	V_2	V	RMS line (phase-2) to neutral voltage
54	V_3	V	RMS line (phase-3) to neutral voltage