

Data Logging Module

B-01s



features



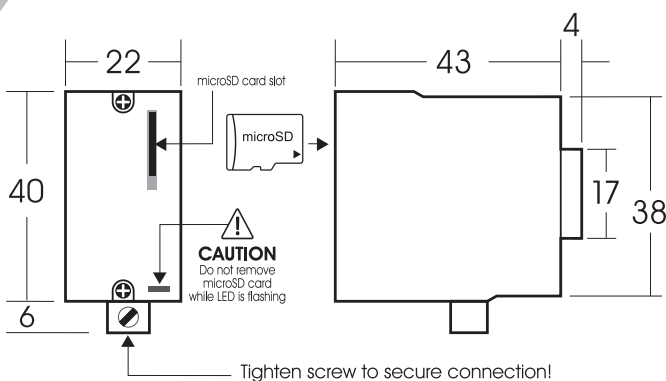
Logged Parameters:

Date & Time	
Individual Phase:- Current (ILn) & Voltage (VLn)	
Individual Phase-to-Phase Voltage (VLL)	
Voltage Unbalanced (%)	
Frequency (Hz)	
Individual	: Active Power (kW)
	Reactive Power (kVAr)
	Apparent Power (kVA)
	True Power Factor (PF)
	Displacement Power Factor (cos φ)
Total	: Active Power (kW)
	Reactive Power (kVAr)
	Apparent Power (kVA)
Average 3 Phase	: True Power Factor (PF)
	Displacement Power Factor (cos φ)
Import / Export Energy (kWh)	
Inductive / Capacitive Energy (kVAh)	
Apparent Energy (kVAh)	
Maximum & Previous Demand (kW / kVA / I)	
Demand Elapsed Time	
Individual	: THD-V (%), THD-I (%), k-Factor

specification

Model	: B-01s
Functions	: Data logging module (Compatible only with PQM-1000s firmware version 2.0.02 onwards)
Type	: micro SD card only
Storage capacity	: 32 GB Maximum

casing dimension



Note: All measurement in mm.

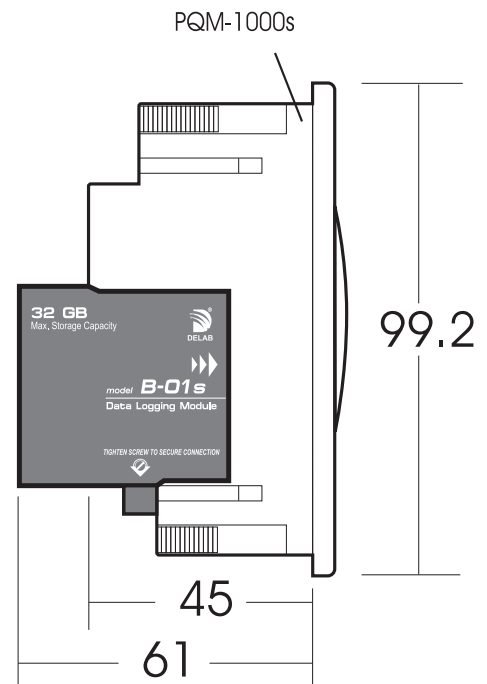


Fig.1

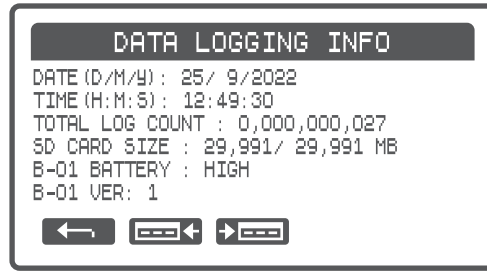
CAUTION
Do not remove microSD card while LED is flashing.

Note: Specification subject to change without prior notification (please visit www.delab.com.my for latest specification)

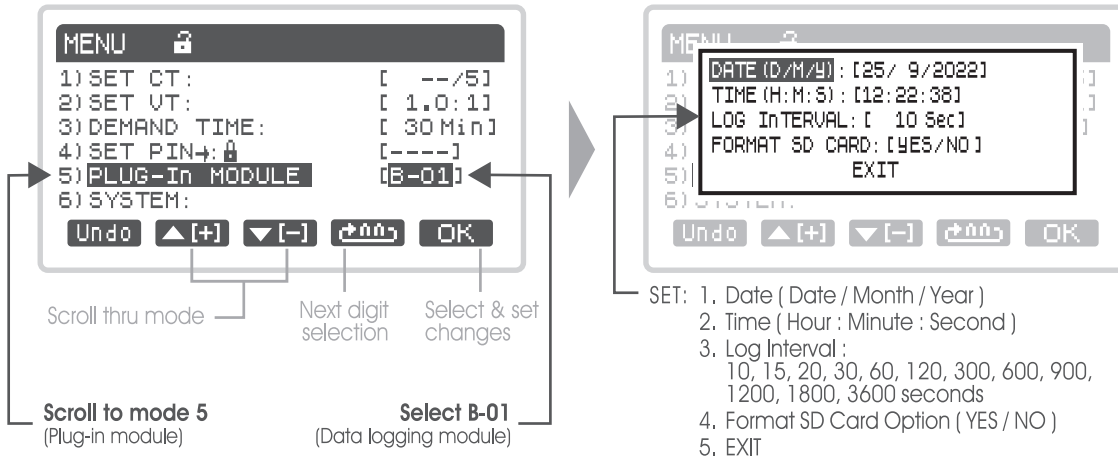
B-01s Plug-in Module Activation Guide

Data logging info page will only be display when:-

- i) **B-01s** is securely plugged into the device [PQM-1000s] (fig.1)
- ii) Select **B-01** in Plug-in module setting (Menu Page)



Scroll to MENU page to select B-01s plug-in module



Data recorded in Excel file format (MicroSD card)

Time	I1 (A)	I2 (A)	I3 (A)	In (A)	V1 (V)	V2 (V)	V3 (V)	V12 (V)	V23 (V)	V31 (V)	Vasym (%)	Freq (Hz)	P1 (kW)	P2 (kW)	P3 (kW)	PT (kW)	Q1 (kVar)	Q2 (kVar)	Q3 (kVar)
2022/08/21 14:00:00	18.8	9.54	11.54	9.44	243.7	244.8	244.2	421.3	423.1	424.5	0.3	49.97	4.42	2.308	2.752	9.48	1.136	0.164	0.544
2022/08/21 14:00:10	18.78	9.5	11.68	9.78	243.5	244.7	244	421.1	423.9	424.2	0.3	49.98	4.412	2.296	2.772	9.48	1.14	0.124	0.544
2022/08/21 14:00:20	18.78	8.86	3.06	15.22	243.3	244.5	244.9	421.1	423.3	424.7	0.4	49.96	4.426	2.132	0.732	7.29	1.084	0.172	0.06
2022/08/21 14:00:30	18.88	8.9	3	15.12	243.5	244.6	245	421.2	423.5	424.9	0.4	49.95	4.448	2.142	0.724	7.314	1.122	0.208	0.044
2022/08/21 14:00:40	18.74	8.92	3	15.14	243.3	244.5	244.8	421.1	423.2	424.7	0.4	49.95	4.412	2.144	0.72	7.276	1.1	0.2	0.06
2022/08/21 14:00:50	18.76	8.84	2.98	15.2	243.3	244.5	244.8	420.9	423.2	424.6	0.4	49.95	4.432	2.13	0.718	7.28	1.036	0.162	0.046
2022/08/21 14:01:00	18.98	8.82	2.98	15.34	243.2	244.4	244.8	420.9	423.2	424.4	0.4	49.94	4.468	2.124	0.716	7.308	1.084	0.17	0.054
2022/08/21 14:01:10	18.76	9.04	2.98	15.12	243.2	244.4	244.8	420.9	423.2	424.6	0.4	49.95	4.422	2.178	0.714	7.314	1.078	0.19	0.056
2022/08/21 14:01:20	18.78	9.08	2.96	15.14	243.4	244.6	245	421.2	423.5	424.8	0.4	49.95	4.416	2.19	0.71	7.316	1.102	0.18	0.048
2022/08/21 14:01:30	18.82	9.06	2.96	15.12	243.5	244.7	245	421.3	423.5	424.9	0.4	49.95	4.414	2.182	0.71	7.306	1.088	0.222	0.05
2022/08/21 14:01:40	18.88	8.98	3	15.42	243.3	244.6	244.9	421.1	423.5	424.6	0.4	49.96	4.448	2.168	0.718	7.334	1.054	0.172	0.048
2022/08/21 14:01:50	18.88	9.04	2.96	15.38	243.2	244.5	245	420.9	423.4	424.6	0.4	49.96	4.442	2.178	0.712	7.332	1.118	0.208	0.072
2022/08/21 14:02:00	18.66	9.12	2.94	14.94	243.4	244.7	245	421.2	423.6	424.8	0.4	49.95	4.404	2.196	0.71	7.31	1.044	0.25	0.052
2022/08/21 14:02:10	18.9	9.02	2.96	15.36	243.2	244.5	244.9	420.9	423.3	424.6	0.4	49.95	4.44	2.174	0.714	7.328	1.064	0.186	0.048
2022/08/21 14:02:20	18.8	9.54	2.94	15.08	243.2	244.5	244.9	420.9	423.4	424.5	0.4	49.95	4.428	2.184	0.708	7.32	1.1	0.254	0.042
2022/08/21 14:02:30	18.76	9.5	2.98	15.34	243.3	244.7	244.9	421.2	422.5	424.6	0.4	49.95	4.448	2.178	0.716	7.342	1.102	0.17	0.054
2022/08/21 14:02:40	18.78	8.86	3	15.4	243.3	244.7	244.9	421.1	423.4	424.6	0.4	49.96	4.474	2.17	0.722	7.366	1.096	0.176	0.048
2022/08/21 14:02:50	18.88	8.9	2.96	15.14	243.2	244.5	244.8	420.9	423.3	424.5	0.4	49.96	4.416	2.17	0.712	7.298	1.094	0.232	0.062
2022/08/21 14:03:00	18.74	8.92	2.96	15.06	243.1	244.4	244.6	421.7	423	424.2	0.4	49.96	4.424	2.174	0.712	7.31	1.088	0.23	0.052
2022/08/21 14:03:10	18.76	8.84	3	15.02	243.4	244.6	245	421.1	423.5	424.8	0.4	49.98	4.428	2.17	0.718	7.316	1.084	0.188	0.048
2022/08/21 14:03:20	18.98	8.82	3	15.28	243.3	244.6	245.1	421.2	423.6	424.7	0.4	49.96	4.452	2.178	0.72	7.35	1.124	0.226	0.042
2022/08/21 14:03:30	18.78	9.04	2.98	15.08	243.3	244.5	245.2	421.1	423.5	424.9	0.4	49.96	4.442	2.172	0.71	7.324	1.102	0.25	0.046
2022/08/21 14:03:40	18.76	9.5	2.96	15.16	243.3	244.7	245.2	421.2	422.7	425	0.4	49.96	4.422	2.158	0.71	7.29	1.116	0.226	0.048
2022/08/21 14:03:50	18.78	8.86	2.94	15.28	243.1	244.4	245	420.8	423.2	424.7	0.4	49.96	4.414	2.168	0.71	7.282	1.058	0.164	0.044
2022/08/21 14:04:00	18.88	8.9	2.94	15.02	243.1	244.5	245	420.9	423.5	424.6	0.4	49.96	4.412	2.156	0.71	7.278	1.084	0.222	0.044

Data storage guide

Log Interval	Estimated Occupied Size (Per Day)	Estimated Storage Space Required	
		(1Year)	(3 Years)
10 sec.	10 MB	4 GB	12 GB
15 sec.	6 MB	2.4 GB	7.2 GB
20 sec.	4.5 MB	1.8 GB	5.4 GB
30 sec.	3 MB	1.3 GB	3.9 GB
1 min.	2 MB	0.8 GB	2.4 GB
2 min.	1 MB	0.5 GB	1.5 GB
5 min.	0.5 MB	0.3 GB	0.9 GB
10 min.	0.3 MB	148 MB	444 MB
15 min.	0.1 MB	40 MB	120 MB
20 min.	85 KB	32 MB	96 MB
30 min.	64 KB	25 MB	75 MB
60 min.	32 KB	14 MB	42 MB

ordering information

Model	Description
B-01s	Data Logging (32GB micro SD card included)