

Power Logger Wi-z Data Logger

Total On-Board Battery Information - Automatically Downloads Data Wirelessly

Power Study Data

The Power Logger Wi-z provides battery and charge data in real time to assist in proper selection of battery and charger solution.

Affordable

Best value data collection on the market.

Portable

Lightweight with small profile, the Power Logger Wi-z is the perfect choice for measuring battery throughput on a short-term basis.

Easy to Install - No Tools

Installs between battery and truck via standard connector. The Power Logger Wi-z ships with a SB350 connector.

Wireless

A laptop with TOBi Wi-z coordinator is the only "tool" necessary.



**Take the guesswork
out of battery usage
& charger selection!**

Data Collection

Upload Data with Coordinator

- Select and print your own reports.
- Qualify opportunity charge candidates.
- Identify battery usage.

Features of Coordinator

- Events captured are Charge, Discharge and Idle time date stamped for time of day and day of week.
- Easily customize reports for shifts and/or 24-hour periods.
- Amp hour throughput is recorded in real time for each charge and discharge event.
- Idle time report shows time available for use in opportunity charging.
- Equivalent Batteries Used (EBU) is calculated to assist in proper selection of batteries and charger.
- Easy to run and read results.
- No need to send data to others for interpretation.

Power Logger Wi-z Data Logger

Tobi Battery Report for "W0002" generated 06/03/2015 02:42 PM for Events from 03/09/2015 12:40 PM to 03/23/2015 08:26 AM

Shift	Total AH Charged	Total AH Discharged	Total Charge Return	Total Discharge AH/Hour	Total Charge Time	Total Discharge Time	Total Idle Time	Total Normal Charge Cycles	Total EQ Charge Cycles	Minimum Discharge Voltage	Minimum SOC	Maximum Charge Temp	Maximum Discharge Temp	Water Low Time
Summary for Shift 1 from 5:00 AM to 1:00 PM	1413	1951	72%	49.5	19:40	41:55	41:44	5	0	22.30	0%	83	96	756:34
Summary for Shift 2 from 1:00 PM to 9:00 PM	244	186	131%	32.3	8:13	6:46	60:48	1	0	29.90	0%	81	95	429:56
Summary for Shift 3 from 9:00 PM to 5:00 AM	690	479	144%	38.9	8:13	12:19	127:03	3	0	30.00	0%	87	95	1347:49

Shift Report

Idle Time Report for Battery "W0002" Shift 1 5:00 AM to 1:00 PM

DAY	START Time	LENGTH	START	LENGTH	START	LENGTH	START	LENGTH	START	LENGTH	START	LENGTH
Tuesday 3/10/2015	5:38 AM	0:27	12:42 PM	2:10								
Wednesday 3/11/2015	8:14 AM	0:03	9:37 AM	0:01	10:10 AM	0:15	12:13 PM	0:02				
Thursday 3/12/2015	11:26 AM	0:58										
Friday 3/13/2015	5:01 AM	0:16	5:45 AM	0:40	9:08 AM	2:21	12:11 PM	0:10				
Monday 3/16/2015	5:58 AM	0:47	8:11 AM	0:06	8:27 AM	0:56	9:54 AM	0:01	10:09 AM	0:29	11:10 AM	0:27
Tuesday 3/17/2015	5:39 AM	0:37	8:12 AM	0:03	10:29 AM	0:07						
Wednesday 3/18/2015	5:48 AM	0:22	8:11 AM	0:03	10:15 AM	0:18	12:17 PM	0:02				
Thursday 3/19/2015	10:10 AM	0:19	12:12 PM	0:04	12:54 PM	0:18						
Friday 3/20/2015	7:23 AM	0:12	8:15 AM	0:01	8:43 AM	0:11	10:12 AM	0:13	12:13 PM	0:05		
Saturday 3/21/2015	6:07 AM	0:06	7:30 AM	0:10	8:15 AM	0:29	9:39 AM	14:21				
Monday 3/23/2015	5:42 AM	0:41	6:52 AM	0:02	8:02 AM	0:23						

Idle Time Shift Report

Utilization Report for Battery "W0002" Shift 1 5:00 AM to 1:00 PM

Date	Discharge AH	Discharge Time	Discharge AHH	EBU	Max Discharge Temp	Charge AH	Charge Time	Max Charge Temp	Idle Time
Tuesday 3/10/2015	13	0:48	16.25	0.0	70	0	0:00	0	8:37
Wednesday 3/11/2015	324	6:18	51.43	0.5	88	0	0:00	0	0:21
Thursday 3/12/2015	42	1:31	27.66	0.1	89	376	5:09	82	0:58
Friday 3/13/2015	102	2:54	26.17	0.2	89	114	1:58	78	3:27
Monday 3/16/2015	198	3:38	48.67	0.3	84	0	0:00	0	9:14
Tuesday 3/17/2015	277	5:17	52.43	0.5	96	420	4:50	83	0:47
Wednesday 3/18/2015	342	7:40	44.81	0.6	89	0	0:00	0	0:45
Thursday 3/19/2015	120	2:37	45.86	0.2	84	0	0:00	0	0:41
Friday 3/20/2015	274	5:31	49.67	0.5	82	503	8:43	77	0:42
Saturday 3/21/2015	235	3:54	60.26	0.4	87	0	0:00	0	15:06
Monday 3/23/2015	54	1:49	29.72	0.1	77	0	0:00	0	1:08
TOTAL	1961	11:56	16.54	0.9*	96*	1413	18:40	83*	11:44

Utilization Shift Report

Records battery amp-hour throughput in real time so you can select the right charger and charge profile to keep your fleet running at peak performance.

On-board clock captures data in real time and records...

- AH Discharged
- Battery Voltage
- Available Charge Time
- Battery State of Charge

Installs in minutes...

- Compatible with 24 – 80 V lead-acid batteries
- Wireless data upload with TOBi reports
- Compact design – fits inside most battery compartments

Specifications

Dimensions:

Box size: 4.4" W x 3.3" D x 1.8" H

Input Voltage:

24 – 80 VDC nominal

Connectors:

SB350

Cable Size:

3/0