

# Battery report

COMPUTER NAME	MUNKY
SYSTEM PRODUCT NAME	Microsoft Corporation Surface Pro 3
BIOS	3.11.0950 06/05/2015
OS BUILD	10240.16463.amd64fre.th1.150819-1946
PLATFORM ROLE	Slate
CONNECTED STANDBY	Supported
REPORT TIME	2015-09-29 12:02:58

## Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	X883815
MANUFACTURER	LGC-LGC
SERIAL NUMBER	1155602692
CHEMISTRY	LION
DESIGN CAPACITY	42 mWh
FULL CHARGE CAPACITY	39 mWh
CYCLE COUNT	182

## Recent usage

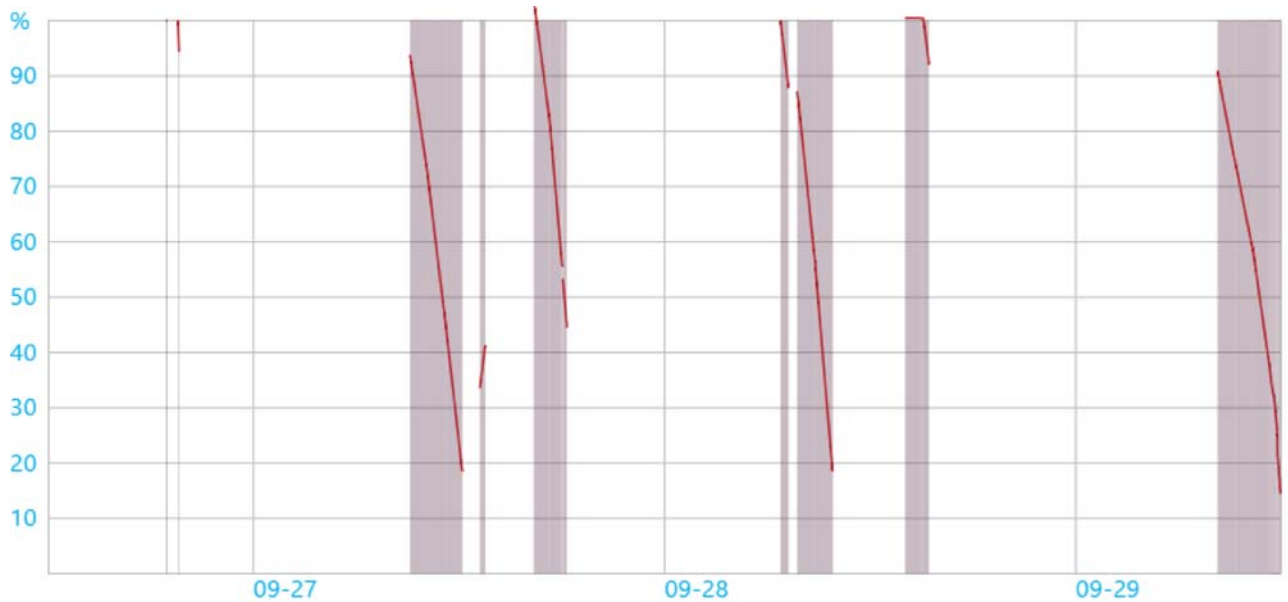
Power states over the last 3 days

START TIME	STATE	SOURCE	CAPACITY REMAINING	
2015-09-26 12:52:00	Active	AC	100 %	39 mWh
13:54:00	Suspended		100 %	39 mWh
18:53:57	Active	Battery	100 %	39 mWh
18:59:00	Suspended		100 %	39 mWh
19:00:36	Active	Battery	100 %	39 mWh
19:00:36	Suspended		100 %	39 mWh
19:36:05	Active	Battery	100 %	39 mWh
19:40:00	Suspended		94 %	36 mWh
2015-09-27 09:08:21	Active	Battery	94 %	36 mWh
12:29:24	Active	AC	10 %	4 mWh
13:31:44	Active	Battery	41 %	16 mWh
13:31:47	Active	AC	41 %	16 mWh
16:25:34	Active	Battery	102 %	39 mWh
18:01:12	Connected standby	Battery	56 %	21 mWh
18:01:20	Suspended		56 %	21 mWh
18:03:34	Active	Battery	53 %	21 mWh
18:55:13	Active	AC	14 %	5 mWh
21:25:00	Suspended		52 %	20 mWh
2015-09-28 06:45:36	Active	Battery	100 %	39 mWh
07:13:55	Connected standby	Battery	88 %	34 mWh
07:14:11	Suspended		88 %	34 mWh

	07:43:29	Active	Battery	87 %	34 mWh
	09:58:00	Active	AC	13 %	4 mWh
	10:52:00	Suspended		35 %	13 mWh
	10:53:30	Active	AC	36 %	14 mWh
	10:55:00	Suspended		37 %	14 mWh
	10:57:33	Active	AC	38 %	14 mWh
	10:57:33	Suspended		38 %	14 mWh
	10:58:50	Active	AC	38 %	14 mWh
	14:55:50	Active	Battery	100 %	39 mWh
	15:26:00	Suspended		92 %	36 mWh
2015-09-29	08:15:52	Active	Battery	91 %	35 mWh
	11:58:47	Active	AC	13 %	5 mWh
	12:02:00	Report generated	AC	15 %	5 mWh

### Battery usage

Battery drains over the last 3 days



START TIME	STATE	DURATION	ENERGY DRAINED	
2015-09-26 18:53:57	Active	0:05:02	-	-
19:00:36	Active	0:00:00	-	-
19:36:05	Active	0:03:54	6 %	2 mWh
2015-09-27 09:08:21	Active	3:21:02	84 %	32 mWh
13:31:44	Active	0:00:03	-	-
16:25:34	Active	1:35:37	47 %	18 mWh
18:01:12	Connected standby	0:00:07	-	mWh
18:03:34	Active	0:51:39	40 %	15 mWh
2015-09-28 06:45:36	Active	0:28:19	12 %	4 mWh
07:13:55	Connected standby	0:00:15	-	mWh
07:43:29	Active	2:14:31	75 %	29 mWh
14:55:50	Active	0:30:09	8 %	3 mWh
2015-09-29 08:15:52	Active	3:42:55	78 %	30 mWh

## Usage history

History of system usage on AC and battery

PERIOD	BATTERY DURATION		AC DURATION	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2014-09-01 - 2014-09-22	52:33:16	39:26:35	22:53:18	17:28:02
2014-09-22 - 2014-09-29	12:13:38	9:00:57	1:19:12	-
2014-09-29 - 2014-10-13	36:24:49	49:48:41	10:02:28	8:20:20
2014-10-13 - 2014-10-20	16:57:51	37:52:30	1:27:23	18:20:48
2014-10-20 - 2014-10-27	17:52:17	44:58:36	2:46:36	11:56:54
2014-10-27 - 2014-11-24	67:27:25	73:51:57	11:51:34	24:40:03
2014-11-24 - 2014-12-01	22:39:57	21:02:10	11:36:48	1:31:04
2014-12-01 - 2014-12-15	32:42:36	23:11:56	6:17:46	0:00:46
2014-12-15 - 2014-12-29	21:52:35	20:05:07	8:32:54	9:09:05
2014-12-29 - 2015-02-16	70:51:20	104:03:55	46:12:15	15:01:49
2015-07-27 - 2015-08-03	1:59:46	4:49:03	-	-
2015-08-03 - 2015-08-10	7:00:59	0:12:05	8:37:10	-
2015-08-10 - 2015-08-17	14:09:10	2:11:01	4:35:21	0:21:25
2015-08-17 - 2015-08-24	17:32:15	0:16:21	16:26:35	-
2015-08-24 - 2015-08-31	18:41:22	2:27:18	16:58:42	-
2015-08-31 - 2015-09-07	21:55:09	4:08:29	12:41:52	2:05:34
2015-09-07 - 2015-09-14	18:31:52	1:32:32	12:56:06	0:56:42
2015-09-14 - 2015-09-21	22:52:11	0:00:10	21:35:54	0:03:40
2015-09-22	3:33:17	1:02:06	1:49:41	-
2015-09-23	1:17:30	-	4:16:12	-
2015-09-24	3:24:02	-	2:37:57	-
2015-09-25	4:47:35	2:09:07	0:44:14	-
2015-09-26	0:08:56	-	4:04:05	-
2015-09-27	5:48:15	0:00:07	6:25:44	-
2015-09-28	3:12:55	0:00:15	4:52:24	-

## Battery capacity history

Charge capacity history of the system's batteries

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2014-09-01 - 2014-09-22	41 mWh	42 mWh
2014-09-22 - 2014-09-29	41 mWh	42 mWh
2014-09-29 - 2014-10-13	41 mWh	42 mWh
2014-10-13 - 2014-10-20	42 mWh	42 mWh
2014-10-20 - 2014-10-27	42 mWh	42 mWh
2014-10-27 - 2014-11-24	41 mWh	42 mWh
2014-11-24 - 2014-12-01	41 mWh	42 mWh
2014-12-01 - 2014-12-15	41 mWh	42 mWh
2014-12-15 - 2014-12-29	41 mWh	42 mWh
2014-12-29 - 2015-02-16	41 mWh	42 mWh
2015-07-27 - 2015-08-03	40 mWh	42 mWh
2015-08-03 - 2015-08-10	40 mWh	42 mWh
2015-08-10 - 2015-08-17	40 mWh	42 mWh
2015-08-17 - 2015-08-24	40 mWh	42 mWh
2015-08-24 - 2015-08-31	40 mWh	42 mWh
2015-08-31 - 2015-09-07	39 mWh	42 mWh
2015-09-07 - 2015-09-14	39 mWh	42 mWh
2015-09-14 - 2015-09-21	39 mWh	42 mWh
2015-09-22	39 mWh	42 mWh

2015-09-23	39 mWh	42 mWh
2015-09-24	39 mWh	42 mWh
2015-09-25	39 mWh	42 mWh
2015-09-26	39 mWh	42 mWh
2015-09-27	39 mWh	42 mWh
2015-09-28	39 mWh	42 mWh

## Battery life estimates

Battery life estimates based on observed drains

PERIOD	AT FULL CHARGE		AT DESIGN CAPACITY	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2014-09-01 - 2014-09-22	5:42:21	103:34:02 15 % / 16 h	5:48:11	105:20:02 15 % / 16 h
2014-09-22 - 2014-09-29	6:47:13	172:06:03 9 % / 16 h	6:51:24	173:52:13 9 % / 16 h
2014-09-29 - 2014-10-13	6:47:00	51:23:49 31 % / 16 h	6:50:39	51:51:25 31 % / 16 h
2014-10-13 - 2014-10-20	5:54:39	50:49:58 31 % / 16 h	5:55:07	50:54:01 31 % / 16 h
2014-10-20 - 2014-10-27	6:03:29	85:55:38 19 % / 16 h	6:04:04	86:03:51 19 % / 16 h
2014-10-27 - 2014-11-24	6:46:39	74:39:26 21 % / 16 h	6:51:15	75:30:10 21 % / 16 h
2014-11-24 - 2014-12-01	7:19:30	67:04:42 24 % / 16 h	7:23:15	67:38:58 24 % / 16 h
2014-12-01 - 2014-12-15	6:57:34	34:40:43 46 % / 16 h	7:06:15	35:23:59 45 % / 16 h
2014-12-15 - 2014-12-29	6:35:14	33:16:36 48 % / 16 h	6:41:55	33:50:22 47 % / 16 h
2014-12-29 - 2015-02-16	5:42:46	21:40:54 74 % / 16 h	5:49:48	22:07:37 72 % / 16 h
2015-07-27 - 2015-08-03	5:29:37	31:22:39 51 % / 16 h	5:43:09	32:40:01 49 % / 16 h
2015-08-03 - 2015-08-10	3:10:42	46:50:04 34 % / 16 h	3:18:41	48:47:34 33 % / 16 h
2015-08-10 - 2015-08-17	4:28:49	32:56:14 49 % / 16 h	4:41:35	34:30:11 46 % / 16 h
2015-08-17 - 2015-08-24	4:23:33	25:23:38 63 % / 16 h	4:35:21	26:31:50 60 % / 16 h
2015-08-24 - 2015-08-31	4:33:27	39:16:09 41 % / 16 h	4:45:52	41:03:11 39 % / 16 h
2015-08-31 - 2015-09-07	4:08:22	19:44:44 81 % / 16 h	4:22:52	20:53:55 77 % / 16 h
2015-09-07 - 2015-09-14	4:31:50	43:15:08 37 % / 16 h	4:50:25	46:12:30 35 % / 16 h
2015-09-14 - 2015-09-21	4:28:15	2:53:15 554 % / 16 h	4:46:16	3:04:53 519 % / 16 h
2015-09-22	4:22:12	24:11:03 66 % / 16 h	4:39:05	25:44:30 62 % / 16 h
2015-09-23	2:43:29	-	2:53:20	-
2015-09-24	4:04:53	-	4:19:38	-
2015-09-25	5:03:24	23:57:49 67 % / 16 h	5:23:05	25:31:07 63 % / 16 h
2015-09-26	2:39:41	-	2:52:02	-
2015-09-27	3:24:48	2:32:44 629 % / 16 h	3:39:50	2:43:56 586 % / 16 h
2015-09-28	3:23:32	4:20:10 369 % / 16 h	3:36:58	4:37:20 346 % / 16 h

Current estimate of battery life based on all observed drains since OS install

Since OS install	5:20:48	39:23:15 41 % / 16 h	5:41:45	41:57:33 38 % / 16 h
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