

# Battery report

COMPUTER NAME	LG-GRAM
SYSTEM PRODUCT NAME	LG Electronics 14Z90Q-G.AA79G
BIOS	A1ZG0400 X64 08/23/2022
OS BUILD	22621.1.amd64fre.ni_release.220506-1250
PLATFORM ROLE	Mobile
CONNECTED STANDBY	Supported
REPORT TIME	2024-01-13 08:59:34

## Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	LGES-LG
MANUFACTURER	LG
SERIAL NUMBER	1902
CHEMISTRY	LION
DESIGN CAPACITY	72.010 mWh
FULL CHARGE CAPACITY	54.580 mWh
CYCLE COUNT	32

## Recent usage

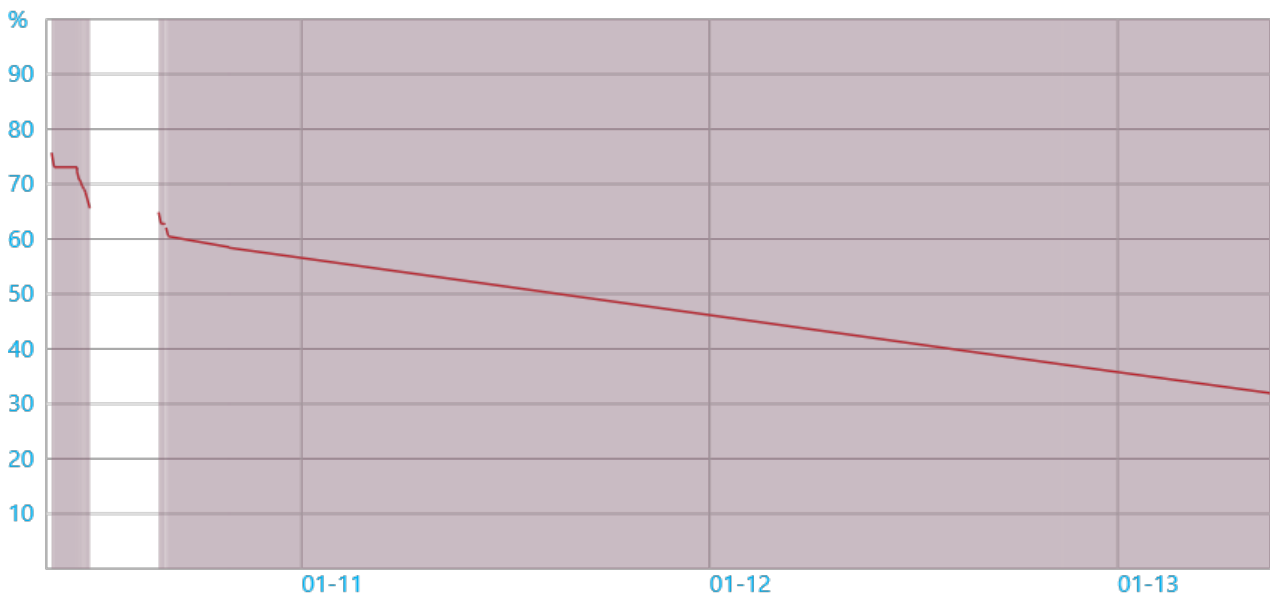
Power states over the last 3 days

START TIME	STATE	SOURCE	CAPACITY REMAINING	
2024-01-10 09:18:18	Active	Battery	76 %	41.320 mWh
09:26:52	Connected standby	Battery	73 %	39.910 mWh
10:48:03	Active	Battery	72 %	39.440 mWh
10:55:01	Connected standby	Battery	71 %	38.630 mWh
10:59:18	Active	Battery	71 %	38.590 mWh
11:04:56	Connected standby	Battery	70 %	38.020 mWh
11:07:42	Active	Battery	70 %	37.990 mWh
11:11:18	Connected standby	Battery	69 %	37.700 mWh
11:13:40	Active	Battery	69 %	37.670 mWh
11:16:41	Connected standby	Battery	69 %	37.450 mWh
11:17:06	Active	Battery	69 %	37.430 mWh
11:32:58	Connected standby	Battery	66 %	35.840 mWh
11:34:10	Suspended		66 %	35.810 mWh
15:35:46	Active	Battery	65 %	35.420 mWh
15:44:23	Connected standby	Battery	63 %	34.260 mWh
16:00:04	Suspended		63 %	34.250 mWh

START TIME	STATE	SOURCE	CAPACITY REMAINING	
16:02:02	Active	Battery	62 %	33.880 mWh
16:09:49	Connected standby	Battery	61 %	33.040 mWh
2024-01-13	08:57:37	Active	32 %	17.360 mWh
	08:59:34	Report generated	31 %	17.180 mWh

## Battery usage

Battery drains over the last 3 days



START TIME	STATE	DURATION	ENERGY DRAINED		
2024-01-10	09:18:18	Active	0:08:33	3 %	1.410 mWh
	09:26:52	Connected standby	1:21:10	1 %	470 mWh
	10:48:03	Active	0:06:58	1 %	810 mWh
	10:55:01	Connected standby	0:04:17	-	40 mWh
	10:59:18	Active	0:05:37	1 %	570 mWh
	11:04:56	Connected standby	0:02:46	-	30 mWh
	11:07:42	Active	0:03:35	1 %	290 mWh
	11:11:18	Connected standby	0:02:22	-	30 mWh
	11:13:40	Active	0:03:00	-	220 mWh
	11:16:41	Connected standby	0:00:24	-	20 mWh
	11:17:06	Active	0:15:52	3 %	1.590 mWh
	11:32:58	Connected standby	0:01:12	-	30 mWh
	15:35:46	Active	0:08:37	2 %	1.160 mWh
	15:44:23	Connected standby	0:15:40	-	10 mWh
	16:02:02	Active	0:07:47	2 %	840 mWh
	16:09:49	Connected standby	64:47:48	29 %	15.680 mWh
2024-01-13	08:57:37	Active	0:01:56	-	180 mWh

## Usage history

History of system usage on AC and battery

PERIOD	BATTERY DURATION		AC DURATION	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2023-07-10 - 2023-07-18	18:29:57	18:00:50	19:44:57	31:55:25
2023-07-18 - 2023-07-25	1:59:11	4:03:51	0:30:07	23:29:40
2023-07-25 - 2023-08-03	19:16:06	0:11:08	0:48:56	0:11:40
2023-08-03 - 2023-08-10	0:34:47	0:34:26	-	-
2023-08-10 - 2023-08-14	2:17:29	1:23:46	0:02:23	0:23:33
2023-08-14 - 2023-09-10	25:41:04	0:34:57	1:29:33	0:25:03
2023-09-10 - 2023-09-25	4:48:26	1:16:44	0:17:52	0:10:48
2023-09-25 - 2023-10-09	5:21:34	92:25:12	0:51:02	1:35:29
2023-10-09 - 2023-11-06	22:57:04	2:13:11	5:37:49	0:14:21
2023-11-06 - 2023-11-13	0:10:51	0:01:12	-	-
2023-11-13 - 2023-11-20	13:52:08	39:52:30	1:54:01	0:23:20
2023-11-20 - 2023-11-27	3:16:21	3:16:10	1:20:06	0:16:06
2023-11-27 - 2023-12-04	0:17:47	1:19:39	-	-
2023-12-04 - 2023-12-11	-	-	-	-
2023-12-11 - 2023-12-18	-	-	-	-
2023-12-18 - 2023-12-25	-	-	-	-
2023-12-25 - 2024-01-01	0:37:29	0:06:00	0:28:34	1:08:14
2024-01-01	0:00:33	-	-	-
2024-01-02	-	-	-	-
2024-01-03	0:05:40	-	-	-
2024-01-04	0:34:58	-	-	-
2024-01-05	0:00:45	-	-	-
2024-01-06	4:29:22	2:45:48	0:32:27	3:24:49
2024-01-07	0:13:22	-	0:44:01	-
2024-01-08	-	-	-	-
2024-01-09	0:11:24	0:08:58	0:08:28	-
2024-01-10	0:59:59	9:37:53	-	-
2024-01-11	-	23:59:59	-	-
2024-01-12	-	23:59:59	-	-

## Battery capacity history

Charge capacity history of the system's batteries

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2023-07-10 - 2023-07-18	66.615 mWh	72.010 mWh
2023-07-18 - 2023-07-25	55.509 mWh	72.010 mWh
2023-07-25 - 2023-08-03	55.850 mWh	72.010 mWh
2023-08-03 - 2023-08-10	56.133 mWh	72.010 mWh
2023-08-10 - 2023-08-14	56.110 mWh	72.010 mWh
2023-08-14 - 2023-09-10	56.350 mWh	72.010 mWh
2023-09-10 - 2023-09-25	55.693 mWh	72.010 mWh
2023-09-25 - 2023-10-09	56.551 mWh	72.010 mWh
2023-10-09 - 2023-11-06	55.057 mWh	72.010 mWh
2023-11-06 - 2023-11-13	54.559 mWh	72.010 mWh
2023-11-13 - 2023-11-20	55.094 mWh	72.010 mWh
2023-11-20 - 2023-11-27	54.658 mWh	72.010 mWh

PERIOD	FULL CHARGE CAPACITY	DESIGN CAPACITY
2023-11-27 - 2023-12-04	55.535 mWh	72.010 mWh
2023-12-04 - 2023-12-11	55.690 mWh	72.010 mWh
2023-12-11 - 2023-12-18	55.690 mWh	72.010 mWh
2023-12-18 - 2023-12-25	55.690 mWh	72.010 mWh
2023-12-25 - 2024-01-01	55.313 mWh	72.010 mWh
2024-01-01	54.567 mWh	72.010 mWh
2024-01-02	54.700 mWh	72.010 mWh
2024-01-03	54.700 mWh	72.010 mWh
2024-01-04	54.718 mWh	72.010 mWh
2024-01-05	54.745 mWh	72.010 mWh
2024-01-06	54.655 mWh	72.010 mWh
2024-01-07	54.878 mWh	72.010 mWh
2024-01-08	55.080 mWh	72.010 mWh
2024-01-09	54.898 mWh	72.010 mWh
2024-01-10	54.541 mWh	72.010 mWh
2024-01-11	54.580 mWh	72.010 mWh
2024-01-12	54.580 mWh	72.010 mWh

## Battery life estimates

Battery life estimates based on observed drains

PERIOD	AT FULL CHARGE		AT DESIGN CAPACITY	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2023-07-10 - 2023-07-18	9:50:37	26:43:54 60 % / 16 h	10:38:26	28:53:48 55 % / 16 h
2023-07-18 - 2023-07-25	6:34:58	99:22:56 16 % / 16 h	8:32:22	128:55:31 12 % / 16 h
2023-07-25 - 2023-08-03	163:32:47	8:42:31 184 % / 16 h	210:52:05	11:13:42 142 % / 16 h
2023-08-03 - 2023-08-10	7:38:19	27:18:00 59 % / 16 h	9:47:58	35:01:18 46 % / 16 h
2023-08-10 - 2023-08-14	8:54:35	37:50:36 42 % / 16 h	11:26:04	48:34:01 33 % / 16 h
2023-08-14 - 2023-09-10	35:01:06	19:46:24 81 % / 16 h	44:45:01	25:16:06 63 % / 16 h
2023-09-10 - 2023-09-25	6:54:07	40:28:07 40 % / 16 h	8:55:26	52:19:31 31 % / 16 h
2023-09-25 - 2023-10-09	7:52:27	348:53:41 5 % / 16 h	10:01:36	444:16:11 4 % / 16 h
2023-10-09 - 2023-11-06	12:08:18	27:24:05 58 % / 16 h	15:52:34	35:50:20 45 % / 16 h
2023-11-06 - 2023-11-13	4:31:32	1:59:02 806 % / 16 h	5:58:23	2:37:06 611 % / 16 h
2023-11-13 - 2023-11-20	25:43:06	576:45:30 3 % / 16 h	33:36:53	753:50:44 2 % / 16 h
2023-11-20 - 2023-11-27	6:56:56	146:21:23 11 % / 16 h	9:09:18	192:49:10 8 % / 16 h
2023-11-27 - 2023-12-04	6:36:37	163:49:41 10 % / 16 h	8:34:17	212:25:46 8 % / 16 h

PERIOD	AT FULL CHARGE		AT DESIGN CAPACITY	
	ACTIVE	CONNECTED STANDBY	ACTIVE	CONNECTED STANDBY
2023-12-04 - 2023-12-11	-	-	-	-
2023-12-11 - 2023-12-18	-	-	-	-
2023-12-18 - 2023-12-25	-	-	-	-
2023-12-25 - 2024-01-01	6:29:43	27:39:23 58 % / 16 h	8:27:21	36:00:18 44 % / 16 h
2024-01-01	2:46:43	-	3:40:01	-
2024-01-02	-	-	-	-
2024-01-03	3:49:36	-	5:02:15	-
2024-01-04	5:56:17	-	7:48:53	-
2024-01-05	1:37:45	-	2:08:35	-
2024-01-06	9:29:05	141:08:58 11 % / 16 h	12:29:47	185:58:11 9 % / 16 h
2024-01-07	4:46:32	-	6:15:59	-
2024-01-08	-	-	-	-
2024-01-09	6:33:36	117:12:10 14 % / 16 h	8:36:17	153:44:08 10 % / 16 h
2024-01-10	7:54:49	42:23:26 38 % / 16 h	10:26:54	55:58:05 29 % / 16 h
2024-01-11	-	0:00:01 5760000 % / 16 h	-	0:00:01 5760000 % / 16 h
2024-01-12	-	149:18:39 11 % / 16 h	-	196:59:34 8 % / 16 h
Current estimate of battery life based on all observed drains since OS install				
Since OS install	13:47:42	126:40:48 13 % / 16 h	18:12:01	167:08:06 10 % / 16 h