



GP Batteries

GP Miniature Lithium Series

GP rechargeable Miniature Lithium Ion Series batteries. Best solution for wireless applications such as earphones, Internet of Things and wearable devices.

The GP Miniature Lithium series contains a built-in shut down separator for absolutely safe operation without even minimal expansion after hundreds of cycles. Its precise dimension is easily adaptable to automate assembly lines.

FEATURES

- High energy density
- Light weight
- Fast charge
- Expansion free
- Good charge retention
- High-load characteristics
- IEC62133, UL1642 and UN38.3 compliance ready

APPLICATIONS

- IoT
- Smart watches
- Smart home devices
- Wireless earphones
- Charging cases
- Fitness bracelets
- Bluetooth speakers
- Headsets
- Hearing aids

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SPECIFICATIONS

Model	Dimension (mm) (OT / HT)		Weight (g)	Rated Voltage (mAh)	Minimum Capacity (mAh)	Typical Capacity (mAh)	Max. Discharge Current (mA)	Max. Charging Voltage (V)	Max. Charging Current (mA)
GP1010-06S	10.4	10.2	2.2	3.8	55	60	120	4.35	60
GP1012-08S	10.4	12.2	2.8	3.8	75	80	160	4.35	80
GP1022L15	10.4	21.9	4.2	3.7	140	155	310	4.2	124
GP1047-48S	10.4	47.6	12.0	3.8	450	480	960	4.35	480
GP1633-81S	16.5	33.0	21.0	3.7	770	810	1620	4.2	810
GP0520-03HD	5.2	20.0	2.0	3.8	25	26	50	4.35	50
GP1458-08N <i>Coin cell</i>	14.1	5.85	3.5	3.6	75	78	150	4.2	150
GP1207-08N <i>Coin cell</i>	12.1	7.5	3.5	3.8	75	78	150	4.2	150
GP1258-05N <i>Coin cell</i>	12.1	5.85	2.5	3.6	53	56	106	4.2	106

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