



BBCV2.MH12609 - LITHIUM BATTERIES - COMPONENT

Lithium Batteries - Component

See General Information for Lithium Batteries - Component

SAFT SA

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MH12609

Model No.	Primary Type ^[a]	Max Abnormal Charging Current mA	Max Abnormal Charging Voltage, V dc	Replacement [b],[c]
2LCP6	Lithium/copper oxide (Cylindrical)	15	4.2	Technician
40LF220	Lithium/manganese dioxide	5	-	Technician
40LH220	Lithium/manganese dioxide	5	-	Technician
LC6	Lithium/copper oxide	15	-	Technician
LCP3	Lithium/copper oxyphosphate	15	-	Technician
LCP6	Lithium/copper oxyphosphate	15	-	Technician
LM2450	Lithium/manganese dioxide	10	-	Technician
LS14250	Lithium thionyl chloride	8	-	Technician
LS14500	Lithium thionyl chloride	15	-	Technician
LS17500	Lithium thionyl chloride	5	-	Technician
LS26500	Lithium thionyl chloride	15	-	Technician
LS33600	Lithium thionyl chloride	35	-	Technician
LS33600C	Lithium thionyl chloride	35	-	Technician
LSH14	Lithium thionyl chloride	35	-	Technician
LSH20	Lithium thionyl chloride	35	-	Technician

Model No.	Secondary Type ^[d]	Max Charging Current (Ic), mA	Max Charging Voltage, V dc ^[e]	Test Compliance ^[f]
MP 144350 xlr	Lithium ion	2600	4.25	1
MP 174565 ise	Lithium ion (Prismatic)	4000	4.25	1

MP 174565 xtd Integration	Lithium ion (Prismatic)	4000	4.2	2
MP 174865 xlr	Lithium ion	5300	4.25	1
MP 176065 ise	Lithium ion (Prismatic)	5600	4.25	1
MP 176065 xc Integration	Lithium ion (Prismatic)	6500	4.20	2, 4
MP 176065 xlr	Lithium ion	6800	4.25	1
MP 176065 xtd Integration	Lithium ion (Prismatic)	5600	4.2	1
MP144350	Lithium ion	945	4.2	1
MP144350 2.6Ah	Lithium ion	2650	4.20	3, 4
MP174565 INT F	Lithium ion (Prismatic)	4800	4.25	1
MP174565INT 4.8Ah	Lithium ion	4800	4.25	3
MP174865	Lithium ion	1680	4.2	1
MP174865 5.3Ah	Lithium ion	5300	4.20	2, 3, 4
MP174865 IS (4.8 Ah)	Lithium ion	4800	4.10	1
MP176065 3.6Ah	Lithium ion	3600	4.05	2, 3, 4
MP176065 5.8Ah	Lithium ion	5800	4.15	2, 3, 4
MP176065 6.8Ah	Lithium ion	6800	4.20	2, 3, 4
MP176065 7.0Ah	Lithium ion	7000	4.20	2, 3, 4
MP176065HD 3.6Ah	Lithium ion	2800	4.05	2, 3, 4
MP176065HD 3.8Ah	Lithium ion	3800	4.00	3
VL 30P	Lithium ion (Cylindrical)	30000	4.00	2, 3
VL 30P EL	Lithium ion (Cylindrical)	60000	4.1	2, 3
VL 30P NG	Lithium ion (Cylindrical)	60000	4.1	2, 3
VL 34570 xlr	Lithium ion (Cylindrical)	5400	4.25	1
VL 39M	Lithium ion (Cylindrical)	30000	4.0	3
VL 41M	Lithium ion (Cylindrical)	30000	4.00	2, 3
VL 41M EL	Lithium ion (Cylindrical)	41000	4.1	2, 3
VL 41M NG	Lithium ion (Cylindrical)	41000	4.1	2, 3
VL 43E	Lithium ion (Cylindrical)	25000	4.0	3
VL 45E	Lithium ion (Cylindrical)	25000	4.00	2, 3
VL 45E EL	Lithium ion (Cylindrical)	22000	4.1	2, 3

VL 45E NG	Lithium ion (Cylindrical)	22000	4.1	2, 3
VL 80E	Lithium ion (Cylindrical)	47000	4.00	2, 3
VL34570	Lithium ion (Cylindrical)	5400	4.25	2, 3

[a] These cells and batteries are not rechargeable. The circuit containing these cells or batteries is to contain a protective component that prevents charging. The circuitry is to include a current-limiting component intended to protect the cell or battery, in the event the protective component malfunctions, from a charging current in excess of the maximum abnormal charging current indicated.

[b] User - These primary cells and batteries are intended for use in applications subject to replacement by a user.

[c] Technician - These primary cells and batteries are intended for use in applications subject to replacement only by a trained service technician.

[d] These cells and batteries are rechargeable. The circuitry containing these cells or batteries is to contain protective components intended to protect the cells or batteries from currents in excess of the maximum charging current and voltage indicated.

[e] The Max Charging Voltage noted in the column is the maximum voltage employed during the abnormal charging test of the secondary lithium ion cell. However, the maximum recommended charging voltage for lithium ion cells is 4.2 V, unless indicated otherwise.

[f] Test Compliance - The cells comply with the tests in UL 1642 as noted:

1 - Complies with all single-cell tests

2 - Complies with all single-cell tests except the impact test

3 - Complies with all single-cell tests except the projectile test

4 - Complies with all single-cell tests except the crush test

Marking: Company name, Recognized Component Mark,  on the cell or smallest shipping package containing the cell.

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