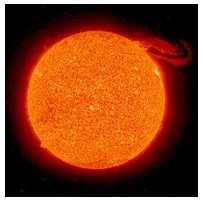

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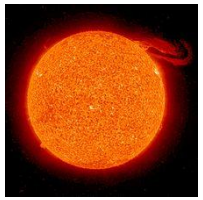
Lithium Rechargeable Electrolyte

Classification by Electrolyte Function										
Ordinary electrolyte Page 2 & 3	Polymer electrolyte Page 5	High temperature electrolyte Page 10	Low temperature electrolyte Page 9	High-discharge rate electrolyte	Column electrolyte Page 4	Gel electrolyte Page 6	LiMn2O4 electrolyte	LiCoO2 electrolyte	LiFePO4 electrolyte Page 11	Anti-overcharged electrolyte Page 7	Flame-resistant electrolyte
Classification by Electrolyte Component										
Binary electrolyte (Bi-component)				Ternary electrolyte (Tri-component)				Multi-component electrolyte		



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Ordinary Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameters		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JP-04-C	**1.21 ± 0.03**	**10.5±0.5**	**EC、DMC、EMC、$LiPF_6$**	**Type:** Binary Electrolyte **Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Battery Cathode:** contain electro-graphite
JP-04-E	**1.21 ± 0.03**	**10.5±0.5**	**EC、DMC、EMC、$LiPF_6$、**	**Type:** Binary Electrolyte **Suitable Battery Type:** most steel shell and aluminum shell Lithium-ion batteries **Battery Cathode:** contain natural graphite primarily
JP-05-A	**1.21 ± 0.03**	**11.0±0.5**	**EC、DMC、EMC、$LiPF_6$、**	**Type:** Binary Electrolyte **Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain natural graphite primarily
JP-06-A	**1.21 ± 0.03**	**10.5±0.5**	**EC、DEC、EMC、$LiPF_6$、**	**Type:** Binary Electrolyte **Suitable Battery Type:** most steel shell and aluminum shell Lithium-ion batteries **Battery Cathode:** contain natural graphite primarily

JP-12-A	**1.20 ± 0.03**	**9.5±0.5**	**EC、EMC、$LiPF_6$**	**Type:** Binary Electrolyte **Suitable Battery Type:** most aluminum shell lithium-ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro-graphite primarily
JP-01-A	**1.20 ± 0.03**	**9.5±0.5**	**EC、EMC、$LiPF_6$**	**Type:** Binary Electrolyte **Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro-graphite primarily

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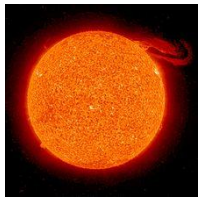
Column Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameters		Basic Composition	Characteristics and Uses
	Density **(g/ cm^3)**	Conductivity **(mS/cm)**		
JY-01-A	1.22± 0.03	11.0±0.5	EC、DMC、EMC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** column batteries **Battery Anode:** contain LiCoO3 or LiFePO4 **Battery Cathode:** contain electro graphite **Performance:** overall good



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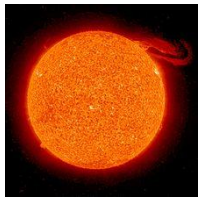
Polymer Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JH-01-A	1.22±0.03	10.5±0.5	EC、DEC、EMC、$LiPF_6$	**Type:** Ternary component series electrolyte. **Suitable Battery Type:** soft pack batteries **Battery Anode:** contain Lithium Cobalt Oxide, Lithium Manganese, or blends. **Battery Cathode:** contain electro graphite or natural graphite
JH-02-A	1.21±0.03	10.5±0.5	EC、DEC、EMC、$LiPF_6$	**Type:** Ternary component series electrolyte. **Suitable Battery Type:** soft pack batteries **Battery Anode:** contain Lithium Cobalt Oxide **Battery Cathode:** contain electro graphite or natural graphite
JH-03-A	1.22±0.03	10.5±0.5	EC、DEC、EMC、$LiPF_6$	**Type:** Ternary component series electrolyte. **Suitable Battery Type:** soft pack batteries **Battery Anode:** contain Lithium Cobalt Oxide or Lithium Manganese **Battery Cathode:** contain electro graphite or natural graphite



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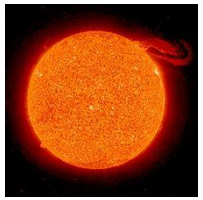
Lithium Rechargeable Electrolyte

Gel Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameters		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JN-01-A	1.18±0.03	8.5±0.5	EC、DEC、PC、 $LiPF_6$	**Type:** Ternary component series electrolyte. **Suitable Battery Type:** polymer rechargeable Lithium-ion battery
JN-02-A	1.18±0.03	8.5±0.5	EC、DEC、$LiPF_6$	**Type:** Binary component series electrolyte. **Suitable Battery Type:** polymer rechargeable Lithium-ion battery



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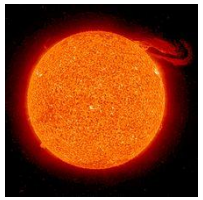
Lithium Rechargeable Electrolyte

Anti-Overcharging Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristic and Uses
	Density (g/ cm^3)	Conductivity (mS/cm)		
JC-01-A	**1.21 ± 0.03**	10.5±0.5	**EC 、 DEC 、 EMC、LiPF6**	**Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Special Feature:** meet 3C/10V Liquid Lithium-ion Battery over-charging requirement
JC-02-A	**1.22±** 0.03	10.5±0.5	**EC 、 DMC 、 EMC、LiPF6**	**Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Special Feature:** meet 3C/10V Liquid Lithium-ion Battery over-charging requirement
JC-03-A	**1.23±** 0.03	10.5±0.5	**EC 、 DMC 、 LiPF6**	**Suitable Battery Type:** most steel shell and aluminum shell lithium-ion batteries **Special Feature:** meet 3C/10V Liquid Lithium-ion Battery over-charging requirement



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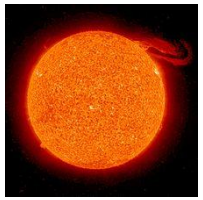
High Power Rate Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JB-01-A	1.24±0.03	12.5±0.5	EC、EMC、DMC、DEC、$LiPF_6$	**Type:** Quaternary component series electrolyte (Multiple Component Series) **Suitable Battery Type:** 10C Li-ion rechargeable batteries, 15C Li-ion rechargeable batteries **Special Feature:** high conductivity, high discharge rate, high performance
JB-02-A	1.24±0.03	13.0±0.5	EC、EMC、DMC、PC、$LiPF_6$、(	**Type:** Quaternary component series electrolyte (Multiple Component Series) **Suitable Battery Type:** 15C rechargeable Li-ion batteries, 20C rechargeable Li-ion batteries, 25C Li-ion rechargeable batteries **Special Feature:** high conductivity, high discharge rate, high low-temperature performance
JB-03-A	1.24±0.03	13.0±0.5	EC、EMC、DMC、PC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** 15C rechargeable Li-ion batteries, 20C rechargeable Li-ion batteries, 30C rechargeable Li-ion batteries **Special Feature:** high conductivity, high discharge rate, high low-temperature performance

JB-04-A	1.24±0.03	12.5±0.5	EC、DMC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** 15C rechargeable Li-ion batteries, 20C rechargeable Li-ion batteries, 30C rechargeable Li-ion batteries **Special Feature:** high conductivity, high discharge rate, high low-temperature performance



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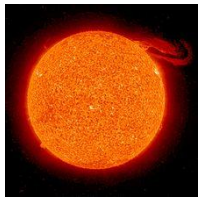
Low Temperature Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JD-01-A	1.20±0.03	8.5±0.5	EC、EA、EMC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** all type rechargeable Li-ion batteries **Special Feature:** high performance in low-temperature
JD-02-A	1.21±0.03	10.5±0.5	EC、MPC、EMC、 $LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** all type rechargeable Li-ion batteries **Special Feature:** high performance in low-temperature



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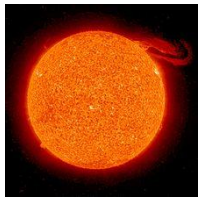
Lithium Rechargeable Electrolyte

High Temperature Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/ cm^3)	conductivity (mS/cm)		
JG-01-A	1.19±0.03	10.5±0.5	EC、EMC、DEC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** all type rechargeable Li-ion batteries **Special Feature:** high performance in high-temperature
JG-02-A	1.21±0.03	7.5±0.3	EC、DEC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** all type rechargeable Li-ion batteries **Special Feature:** high performance in high-temperature
JG-03-A	1.20±0.03	8.5±0.5	EC、DEC、PC、$LiPF_6$	**Type:** Ternary component series electrolyte **Suitable Battery Type:** all type rechargeable Li-ion batteries **Special Feature:** high performance in high-temperature
JG-04-A	1.20±0.03	8.5±0.5	EC、DEC、PC、$LiPF_6$	**Type:** Ternary component series electrolyte. **Suitable Battery Type:** soft pack batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro graphite **Special Feature:** high performance in high-temperature



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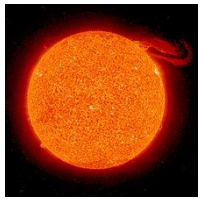
Lithium Rechargeable Electrolyte

$LiFePO_4$ Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JL-01-A	1.24± 0.03	12.5±0.5	EC、EMC、DEC、PC、$LiPF_6$	**Suitable Battery Type: $LiFePO_4$** lithium-ion batteries **Battery Cathode:** contain **$LiFePO_4$** **Special Feature:** high battery cycle life, high electric current discharge performance
JL-02-A	1.21 ± 0.03	10.5±0.5	EC、EMC、EA、$LiPF_6$	**Suitable Battery Type: $LiFePO_4$** lithium-ion batteries **Battery Cathode:** contain **$LiFePO_4$** **Special Feature:** enhance high battery life cycle, high electric current discharge performance



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Lithium Rechargeable Electrolyte

Lithium Manganese Type Electrolyte Lithium Rechargeable Electrolyte

Model	Technical Parameter		Basic Composition	Characteristics and Uses
	Density (g/cm^3)	Conductivity (mS/cm)		
JM-01-A	1.21±0.03	7.5±0.3	EC、DEC、$LiPF_6$	**Suitable Battery Type:** LiMn2O4 Lithium Ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro graphite or natural graphite **Special Feature:** enhance high battery life cycle and enhance performance in high-temperature
JM-02-A	1.21±0.03	10.5±0.5	EC、DMC、EMC、$LiPF_6$	**Suitable Battery Type:** LiMn2O4 Lithium Ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro graphite
JM-03-A	1.24±0.03	11.0±0.5	EC、DMC、EMC、$LiPF_6$	**Suitable Battery Type:** LiMn2O4 Lithium Ion batteries **Battery Anode:** contain Lithium Manganese **Battery Cathode:** contain electro graphite **Special Feature:** enhance high battery life cycle and enhance performance in high-temperature
JM-04-A	1.21±0.03	10.5±0.5	EC、DEC、EMC、$LiPF_6$	**Suitable Battery Type:** LiMn2O4 Lithium Ion batteries **Battery Anode:** contain Lithium Manganese

				Battery Cathode: contain electro graphite