

Type	: Lithium-PoLiFlex - Series PLF ...	
Chemical system	: LiCoO ₂ LiPF ₆ - carbonate based electrolyte Graphite	Date: 2005-04-13

1. TYPE, VOLTAGE AND WEIGHT

Cell Type	Type-No.	Voltage (V)	Weight (g)
PLF 263441 B	66520	3.7	6.0
PLF 283562 B	66320	3.7	11.0
PLF 323759 B	66630	3.7	14.1
PLF 343441 B	66540	3.7	8.5
PLF 383562 B	66352	3.7	15.0
PLF 423566 B	66452	3.7	18.0
PLF 443441 B	66591	3.7	10.5
PLF 503759 B	66661	3.7	20.5
PLF 503562 B	66380	3.7	21.0

and assembly of this component cells

2. INGREDIENTS

		Approx. percentage (%) of total weight
Active materials*	- Lithiumcobaltoxide - LiCoO ₂	27
	- Graphite	26
	- Solution of electrolyte (LiPF ₆ in organic carbonates)	17
Main passive materials*	- Copper current collectors	12
	- Aluminium current collectors	7
	- Plastic coated aluminum housing	11
	Mercury content - Hg < 0.1 mg/kg Cadmium content - Cd < 1 mg/kg Lead content - Pb < 10 mg/kg	

* The cell is sealed, no chemical hazard will be posed as long as the cell remains in sealed condition.

3. SAFETY GUIDELINE

- 3.1 Keep out of the reach of children.
- 3.2 Do not heat nor dispose of in fire. May burst or release toxic materials.
- 3.3 Avoid forced discharge.
- 3.4 Do not short circuit.
- 3.5 Restrict charging current and time to the recommended value.
- 3.6 Do not solder the battery directly.
- 3.7 Do not disassemble, apply excessive pressure or deform.
- 3.8 Avoid to place the battery in reverse polarity.
- 3.9 Battery disposal method should be in accordance with local and state regulations.
- 3.10 Prior to any use read the "Handling Precautions and Prohibitions for VARTA PoLiFlex Batteries".

Prepared by : Dr. Krebs	Approved by : Dr. Perner
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