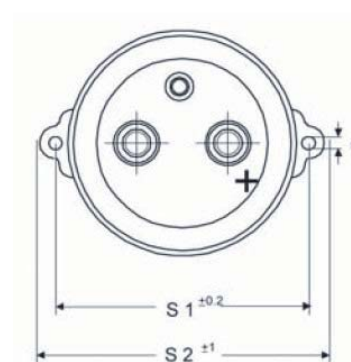
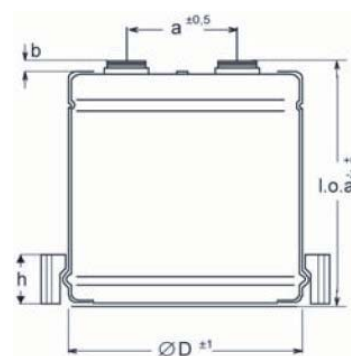


The **MLytic® HC · High Current Power Cap** series offers all benefits of Mundorf's unique MLYtic® technology as described in detail on page 16 plus the following features:

Supply availability	Typically immediately ex stock for all types listed on page 28  4-6 weeks for your individual combination of features · from 18pcs only
Versatile applicable	RoHS-compliant · lead free REACH compliant Finest UL-listed ingredients only Sectional specification DIN 41332 · IEC 60384-4 Climatic category IEC 60068 40/105/56
Indication of origin	Made in Germany with greatest care
Capacitance range	1 000µF to 220 000µF
DC voltage range	40 · 50 · 63 · 80 · 100 · 160 · 250 · 350 · 450
Temperaturbereich	-25°C/-13°F to 105°C/+220°F
Useful lifetime [U <sub>R</sub> · I <sub>R~</sub> ]	8 000 hours at +105°C/+220°F 16 000 hours at +85°C/+185°F
Nennlebensdauer [U <sub>R</sub> ]	2 000 hours at +105°C/+220°F
Gehäuse-Ø [mm]	50 · 75 · 90
Case heights [mm]	Customized from 70 to 100 [typically in 5mm steps]
Case diameters [inch]	1.97 · 2.95 · 3.54
Case heights [inch]	Customized from 2.76 to 3.94 [typically in 0.2inch steps]
External insulation	Lead free PVC sleeve with end disk voltage proof ≥2500 AC
Leakage current [I <sub>L</sub> ]	≤ 0,008 * C <sub>R</sub> [µF] * U <sub>R</sub> [V] + 6µA after 5 minutes at U <sub>R</sub>
[ESL]	20nH equivalent series inductance
Maximal reverse voltage	2V



Additionally the **MLytic® HC + · High Current Power Cap** series features:

4-Pole Technology	Separated inputs and outputs for optimal connection, perfect impulse, no hysteresis losses and exceptional filter characteristics
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*Note: available case diameters  
75mm/2.95" and 90mm/3.54"*



The series **MLytic® HC** and **MLytic® HC+** **High Current Power Cap** offer ultra-low ESR and ESL, due to a patented internal connection technique.

These capacitors, which were originally developed for use in locomotives, are consequently optimized for audio purposes and designed for heatsink mounting.

They can handle hundreds of amperes and supply extreme pulse currents. That is why even massive bass attacks are performed absolutely authentic and punchy.

Additionally their exceptional fastness results in most dynamic and accurate low frequency as well as a revealing and vivid mid and high frequency reproduction.

Whenever a power capacitor is needed for a first class transistor amplifier, the **MLytic® HC+** is first choice due to its superior 4-Pole Technology, as described on page 27.



Casing	D	l.o.a	a	b	h	s1	s2	x
	[mm]	[mm]	Dimensions [mm]					
1	50	71	22.0	4	20	63	75	4.5
2	75	70	31.7	4	20	90	102	4.5
3	90	75	31.7	6	20	106	118	4.5
4	90	104	31.7	6	20	106	118	4.5

**MLHC**  
High Current Power Cap, Screw-Terminal, 2Pin

Rated Voltage [VDC]	Capacitance [µF] ±20%	Case Size Ø * L [mm]	Wire Size Ø * L [mm]	Rated Ripple Current IR~ at Tmax and 100Hz [A]	Surge Voltage [VDC]	ESR at 100 Hz [mOhm]	Tan δ @ 100Hz	Nominal Current IR for 5 Min. [µA]	[€]
80	10000	1	M5 (2Nm)	8,1	92	11	7	4800	39,90
80	22000	2	M5 (2Nm)	11,5	92	7	10	10560	59,90
80	47000	3	M6 (3Nm)	20,2	92	3	10	22560	79,90
100	22000	3	M6 (3Nm)	13,2	115	7	10	13200	69,90
100	33000	3	M6 (3Nm)	15,7	115	5	10	13200	84,90
100	47000	4	M6 (3Nm)	20,2	115	3	10	28200	99,90

**MLHC+**  
High Current Power Cap, Screw-Terminal, 4Pin

Rated Voltage [VDC]	Capacitance [µF] ±20%	Case Size Ø * L [mm]	Wire Size Ø * L [mm]	Rated Ripple Current IR~ at Tmax and 100Hz [A]	Surge Voltage [VDC]	ESR at 100 Hz [mOhm]	Tan δ @ 100Hz	Nominal Current IR for 5 Min. [µA]	[€]
100	22000	3	M6 (3Nm)	13,8	115	7	10	13500	79,90
100	33000	3	M6 (3Nm)	16,5	115	5	10	18700	94,90
100	47000	4	M6 (3Nm)	21,1	115	3	10	29000	109,90