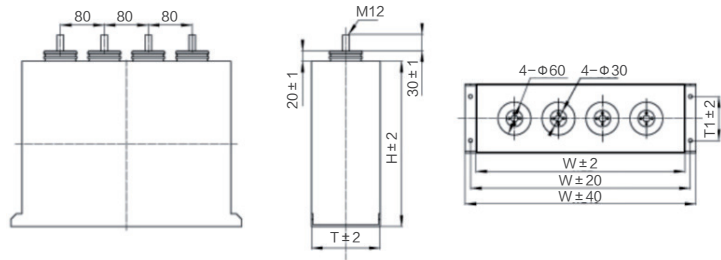
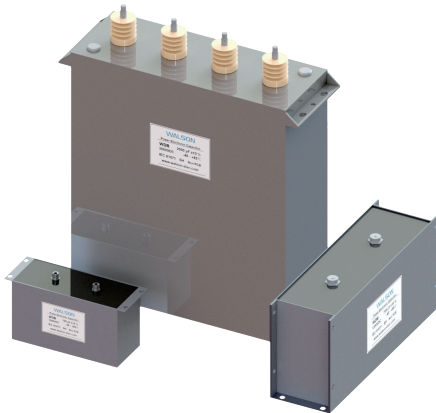


WDB 干式直流滤波电容器 (钢外壳)

Dry Type DC-Link Capacitor for Power Electronics (Steel case)

外形图 Outline Drawing



安装方式，可根据客户实际使用尺寸，及其它相关参数进行定制。
The installation method can be customized according to the customer's actual size and other related parameters.

单位 Unit: mm

特点 Features

- 金属外壳封装
- 引出形式多样化选择
- 容值高，体积小
- 大纹波电流，高DV/DT承受能力
- Metal enclosure package
- Leads to the form of diverse choices
- High capacitance, small size
- Large ripple current, high DV/DT bearing capacity

主要用途 Typical Applications

- 广泛应用于DC-LINK电路中，作滤波储能用
- 能替代电解电容，性能更优，寿命更长
- 风能发电，光伏发电用逆变器；各种变频器：电动汽车及混合动力车；SVG、电焊机、电源、感应加热设备
- Widely used in DC-LINK circuit for filtering energy storage
- Can replace electrolytic capacitors, better performance and longer life
- Wind power, photovoltaic power inverter: electric vehicles and hybrid vehicles; SVG, welding equipment, power supplies and induction heating equipment

技术要求 Specifications

执行标准 Implemented Standard	IEC61071、IEC61881
气候等级 Climatic Category	40/85/56
额定电压 Rated Voltage	450V.DC~6000V.DC
容量范围 Capacitance Range	30 μF ~ 20000 μF
容量偏差 Capacitance Tolerance	± 5% (J) , ± 10% (K)
极间耐电压 Voltage Test Between Terminals	1.5Un (VDC) /10S
极壳耐电压 Voltage test between terminals and case	1000+2 × Un/√2V.AC 60S
绝缘电阻 Insulation resistance	≥ 10000 s (100V, 1min, 20℃)

■ 规格参数 Specification Parameter

谐振电源直流滤波用 Resonant power supply DC filter	U_n (V.DC)	C_N (μ F)	ESR (m Ω)	DV/DT (V/ μ s)	I_{rms} (A) @40 $^{\circ}$ C	外形尺寸 (mm)	引出M6nut脚距P (mm)
	800	30	≤ 2.5	50	50A	95 × 74 × 30	28~30
	800	45	≤ 2.5	50	50A	95 × 74 × 45	28~30
	800	50	≤ 2.5	50	50A	95 × 74 × 45	28~30

SVG/SVC直流滤波用 SVG/SVC DC filter	U_n (V.DC)	C_N (μ F)	ESR (m Ω)	DV/DT (V/ μ s)	I_{rms} (A) @40 $^{\circ}$ C	外形尺寸 (mm)	引出M6nut脚距P (mm)
	1200	700	≤ 1.2	12	85A	240 × 88 × 120	80
	1200	900	≤ 1.0	12	85A	240 × 88 × 120	80

DC-LINK直流滤波用 DC-LINK DC filter	U_n (V.DC)	C_N (μ F)	ESR (m Ω)	DV/DT (V/ μ s)	I_{rms} (A) @40 $^{\circ}$ C	外形尺寸 (mm)	引出M6nut脚距P (mm)
	2000	800	≤ 1.2	12	120A	340 × 125 × 190	80
	2000	4000	≤ 0.8	10	280A	420 × 235 × 360	80
	3000	660	≤ 1.0	12	150A	420 × 235 × 175	80
	3000	1250	≤ 0.8	10	200A	420 × 235 × 360	80