



Technical Datasheet

MPP Film Power Capacitors (Cylindrical)

Burst Proof Design

Electrical Characteristics:

▪ Reference Standard	: IEC:60831-1+2 & IS:13340/41
▪ Rated Kvar	: 1KVAR To 50 KVAR
▪ No of Phases	: 1Ø and 3Ø
▪ Capacitance tolerance	: -5 To + 10 %
▪ Rated voltage V_R	: 250Vac To 660Vac
▪ Inrush current I	: Up to 200* I_R
▪ Over Voltage V_{max}	: $V_R * 1.1$ Continuous
▪ Over Current I_{max}	: Up to 1.5 * I_R
▪ Rated Frequency F_R	: 50 / 60 Hz
▪ AC test Voltage terminal to terminal	: $2.15 \times V_R$, 2s (Routine test) : $2.15 \times V_R$, 60s (Type test)
▪ AC test Voltage terminal to can	: 3 KV AC, 10s
▪ Insulation Resistance R is at 20°C, RH \leq 65 %	: 3000 s
▪ Discharge time	: < 50 V within 60 seconds.
▪ Losses (tan δ)	Dielectric : 0.0002 Total : 0.00045**
▪ Temperature Category	: -10/D

Authorised by: Product Design & Development Dept
Viz Technologies Pvt Ltd

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Important notes:

1. KVAR ratings and rated voltages can be customized as per customer requirement.
2. We always try hard to improve our products Quality. Thus, the products explained in this Data sheet may change from time to time. The same is true of the corresponding product specifications.
3. Please check the product descriptions and specifications mentioned in this datasheet are still applicable before or when you place an order.
4. Ratings and container dimensions can be changed as per customer requirement