

HIGH VOLTAGE ENERGY STORAGE CAPACITORS

MESC-series

Application: Spot welding, Laser, Nuclear, Power supplies, Aerospace, Avionics, Power Plants, Biomedical, Corona discharge, Genetics, Thin-film deposition & high frequency power Conversion, Automobile, D.C. /A.C. drives. control engineering, avionics, instrumentation, Power Switchgear/protection, nuclear, solid state physical application, X-ray, power supplies, Nuclear/power plant/heavy electrical and Mechanical engineering, packaging, generation//transmission/distribution.

Highlights:

1. Wide voltage rating: 600- 80,000 volts D.C.
- 2.Capacitance: 0.001-1000 m.f.d.
3. High discharge current with large expected life
- 4.High Tolerance
5. Temperature range: -55-90°C
- 6.Hermetically sealed
6. **Large charge holding time**


Energy Storage Capacitor Specifications:

Model	Voltage D.C.	Capacitance m.f.d.	IP (K.A.)	Inch LxWxH	Expected life Kilo-cycle
MESC-001050	1000	50.0	15.0	04x04x06	50-10
MESC-001100	1000	100.0	15.0	06X04X06	50-10
MESC-001200	1000	200.0	15.0	12X04X06	50-10
MESC-002020	2000	25.0	15.0	04X04X06	50-10
MESC-002050	2000	50.0	80.0	04X05X06	50-10
MESC-002080	2000	80.0	80.0	06X05X06	50-10
MESC-002120	2000	120.0	80.0	12X06X06	50-10

Model	Voltage D.C.	Capacitance m.f.d.	IP (K.A.)	Inch LxWxH	Expected life Kilo-cycle
MESC-004010	4000	10.0	80.0	06x04x06	50-10
MESC-004020	4000	20.0	80.0	08X04X06	50-10
MESC-004040	4000	40.0	80.0	10X04X06	50-10
MESC-008005	8000	5.0	120.0	04X04X06	50-10
MESC-008010	8000	10.0	120.0	04X05X06	50-10
MESC-008020	8000	20.0	120.0	06X05X06	50-10
MESC-008030	8000	30.0	120.0	12X06X06	50-10

Model	Voltage D.C.	Capacitance m.f.d.	IP (K.A.)	Inch LxWxH	Expected life Kilo-cycle
MESC-100001	10,000	1.0	100	08x06x06	50-10
MESC-100001	10,000	2.0	100	08X06X06	50-10
MESC-100002	10,000	5.0	100	12X06X06	50-10
MESC-100110	10,000	10.0	100	06X06X06	50-10
MESC-100220	10,000	20.0	100	08X04X06	50-10
MESC-200005	20,000	5.0	250	08X05X06	50-10
MESC-200010	20,000	10.0	250	10X06X06	50-10

Model	Voltage D.C.	Capacitance m.f.d.	IP (K.A.)	Inch LxWxH	Expected life Kilo-cycle
MESC-300000	30,000	0.05	001	20x04x04	50-10
MESC-300000	30,000	01.0	010	28X08X08	50-10
MESC-300005	30,000	02.0	100	32X12x12	50-10
MESC-300002	30,000	05.0	100	32x18x18	50-10
MESC-300020	50,000	10.0	100	48x18x18	50-10
MESC-500010	50,000	20.0	100	60x24x24	50-10
MESC-800001	80,000	1.0	100	16x06x06	50-10
MESC-800002	80,000	2.0	250	24x12x12	50-10
MESC-800005	80,000	5.0	250	36x20x20	50-10

Above electrical/mechanical specifications are not standard and may be amended in light of operational requirement of site.

MOTORON SEMICONDUCTORS CORPORATION

11, Shri nagar colony, Shakti nagar extension, Delhi-110052, Tel:011-23655454/23991188,
motoronenergy@hotmail.com