

# VMF/VPF Hybrid LIC Supercapacitors

VMF/VPF Hybrid Supercapacitors offer greater energy density, low self-discharge rate and ultra-fast charging. Applications include Solar/Wind energy storage, Energy Harvesting, Pulse Power, UPS Systems and Smart Electric Meters. The VMF series optimizes lifetime, runtime, and cost, has a low self-discharge current and high energy density. These appeal to various market segments including Metering, Backup Power, Industrial Internet of Things (IIoT) and Small Electric Vehicles.

## Highlights

- Optimizes lifetime, runtime, and cost
- Low self-discharge current
- High energy density
- Volumetric Efficiency
- 500,000 charge discharge cycles typical
- UL Recognized

## Specifications

Temperature Range	-25 °C to +85 °C
Rated Voltage	2.5V to 3.8V
Surge Voltage	4.2V
Capacitance	10F to 220F
Capacitance Tolerance	±20%
Life Cycles	500,000
RoHS	Compliant and PET Sleeve

