

# Supercapacitor

## Maxfarad™

### Application

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Electric Vehicle



Uninterruptible  
Power Supply



Mobile Phone



Solar light

### Characteristics

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✓ *Huge Capacitance*

100,000 times larger than electrolytic capacitor

✓ *Wide Operating Temperature*

-25°C ~ 70°C, < ± 20% of capacitance

✓ *High Power Density*

Over 4.2kW/kg or 6.6W/l

✓ *Long Cycle Life*

Over 80% retention of initial capacitance at 500,000cycles

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## Product Specification



### Cylinder Type

Type	Model	Capacitance (F)	ESR( $\Omega$ )		Working Voltage(V)	Dimension(mm)
			AC	DC		
High Power Type	MPS1025	6	0.150	0.200	2.5	$\phi = 10, L=25$
	MPS1030	8	0.100	0.150	2.5	$\phi = 10, L=30$
	MPS1225	12	0.070	0.100	2.5	$\phi = 12, L=25$
	MPS1625	22	0.040	0.070	2.5	$\phi = 16, L=25$
	MPS1840	55	0.020	0.030	2.5	$\phi = 18, L=40$
	MPS2245	90	0.007	0.010	2.5	$\phi = 22, L=45$
High Energy Type	MES1030	20	0.060	0.100	2.3	$\phi = 10, L=30$
	MES1225	30	0.060	0.100	2.3	$\phi = 12, L=25$
	MES1625	50	0.040	0.070	2.3	$\phi = 16, L=25$
	MES1840	120	0.020	0.030	2.3	$\phi = 18, L=40$
	MES2245	220	0.010	0.020	2.3	$\phi = 22, L=45$