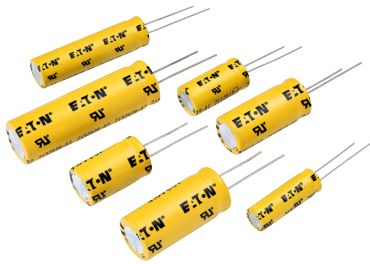


## TV Supercapacitors



# Eaton extends industry leading supercapacitor offering with 3 V cylindrical cells



20% increased stored energy and peak power in the same package sizes.


### Product description:

Eaton's 3-volt TV supercapacitor cells provides energy storage for backup power, ride through, RF radio transmissions and other pulse power requirements.

The TV products offer a 20% increase in stored energy and peak power density by increasing the operating voltage. Usable energy can increase up to 70%.

This new technology enables higher performance servers, longer operating life or lower cost designs for many industrial electronics.

### Features and benefits:

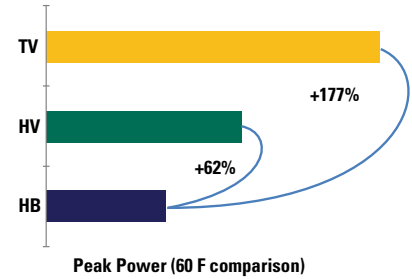
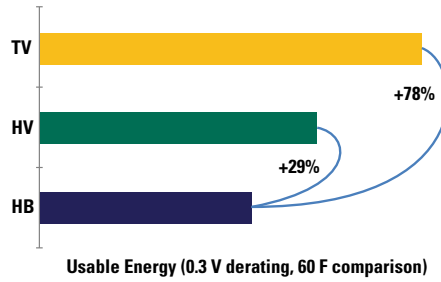
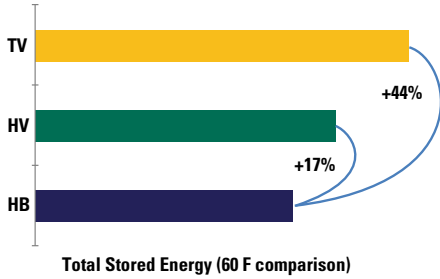
- Industry leading power and ESR in high reliability applications
- Longer lifetime for existing designs with no change in design
- Cost reduction and size reduction for higher voltage designs
- Maintenance free, no replacement needed
- UL recognition 

# EATON

Powering Business Worldwide

## Specifications

Capacitance (F)	Part Number	Maximum ESR ( $\Omega$ ) Equivalent Series Resistance	Nominal Leakage ( $\mu A$ )	Stored Energy (mWh)	Peak Power (W)	Pulse Current (A)	Continuous Current (A)	Diameter (mm)	Length (mm)
6	TV1020-3R0605-R	0.035	13	7.5	64	7.4	2.4	10.5	22.3
10	TV1030-3R0106-R	0.026	25	12.5	87	11.9	3.8	10.5	31.5
15	TV1325-3R0156-R	0.024	35	18.8	94	17	3.4	13.5	28.4
25	TV1625-3R0256-R	0.018	60	31.3	125	26	4.2	16.5	28.4
35	TV1245-3R0346-R	0.016	75	42.5	141	34	6.5	12.9	49.0
35	TV1635-3R0356-R	0.015	90	43.8	150	34	5.1	16.5	38.0
60	TV1840-3R0606-R	0.013	135	75.0	173	51	6.7	18.5	42.0
100	TV1860-3R0107-R	0.011	225	125	205	71	11.7	18.5	60.5



## Supercapacitor Small Cell Product Comparison



### TV

- 3.0 V
- 6 F to 100 F
- -40 °C to +85 °C



### HV

- 2.7 V
- 1 F to 100 F
- -40 °C to +85 °C



### HB

- 2.5 V
- 3 F to 110 F
- -25 °C to +85 °C

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