

What is High Voltage?

High voltage is commonly considered to be 63 Volts and higher. Nichicon is the first in the industry to offer these values in a leaded and surface mount version.

Why Should I Care?

For decades, since available voltages were lower, applications were limited for polymer capacitors. However, this has changed with the Nichicon high voltage polymer capacitors. With this technological breakthrough, more markets can be targeted due to these higher voltage ratings. Some of these include higher end power supplies, lighting, gaming, motherboards, graphic cards, LCD and Plasma TVs and high performance CPU/GPUs.

What are the Part Numbers?

Nichicon offers the leaded PLV and surface mount PCV series. Available value ranges are as follows:

Item	PLV	PCV
Temperature	-55 to 105C	-55 to 105C
Voltage	16-100V	16-125V
Capacitance	6.8-470uF	5.6-680uF
Capacitance Tolerance	+/-20% @ 120Hz 20C	+/-20% @ 120Hz 20C

Any Competition?

Nichicon is sole sourced on these and many more polymers. Contact your rep to cross your polymer capacitor needs as Nichicon has the largest breadth of product in the industry.



Polymer Thrust Program (PTP)

