



NRLAW Series

Large Can Aluminum Electrolytic Capacitors

Engineered with a long-life rating of 3,000 hours at 105°C, the NRLAW series ensures durability and reliable performance in the most challenging environments. The NRLAW series boasts an expanded CV value range in a reduced size, making it ideal for applications where space is at a premium. With a high ripple current rating and endurance, these capacitors are perfect for handling the dynamic conditions of modern electronic circuits.

The NRLAW series features high-density construction, making it the preferred choice for engineers designing input filters for switch-mode power supplies (SMPS). The capacitors are also well-suited for photovoltaic inverters, industrial automation systems, on-board chargers, and various power supply configurations. AEC-Q200 support is available, further underscoring their robustness for automotive applications.

Series Specifications

Series	NRLAW
Upgrade From (Replaces)	NRLPW, NRLRW
Capacitance Range	68 ~ 2,200µF
Voltage Range	200 ~ 550Vdc
Lifetime Rating	3,000 hours at +105°C
Operating Temperature Range	-40 ~ +105°C (Up to 450Vdc) -25 ~ +105°C (> 450Vdc)

For a full list of part numbers and specifications please refer to the NRLAW series page, www.niccomp.com/series/NRLAW



Scan for more info!

Features / Benefits / Advantages

- Long Life Rating: 3,000 Hrs at 105°C
- Expanded CV Value Range in Reduced Size
- High Ripple Current Rating & Endurance
- High Density Construction
- Designed for Input Filter of SMPS
- AEC-Q200 Support Available

Applications

- High voltage / High capacitance requirements
- Photovoltaic inverters
- Industrial Automation
- On-Board Charger
- Power Supplies

