



**YOUR FARM IS READY TO PRODUCE.
IS IT READY TO WITHSTAND POWER SURGES?**



SURGE PROTECTION
AGRICULTURAL SECTOR

Made in Canada · UL1449 and CSA Certified · 25-Year Warranty

Agricultural Sector

POWER SURGES: A CONSTANT THREAT ON THE FARM

On a modern farm, electricity isn't just for lighting anymore. Milking robots, ventilation drives, grain dryers, manure pumps — every start-up and every shutdown generates a voltage spike that spreads throughout the building.

THE RISKS OF A POWER OUTAGE

- VENTILATION**
Heat stress and reduced production
- LIGHTING**
Disrupts laying cycles and animal well-being
- WATER**
No drinking water or cleaning
- REFRIGERATION**
Risk of losing food and medication
- ANIMAL HEALTH**
Critical conditions for vulnerable animals
- ECONOMIC LOSSES**
Reduced production, significant financial losses

CONTINUOUS PROTECTION FOR SECURE PRODUCTION

- ✓ Stable power supply
- ✓ Protected equipment
- ✓ Peace of mind

WHAT'S AT STAKE

A surge can damage essential automated equipment (milking, cooling, ventilation), leading to costly repairs and downtime, and compromise the herd's well-being when ventilation or feeding systems stop working.

A surge also increases the risk of fire. The consequences of this represent an enormous danger to people nearby as well as to your animals.

Rural farms are often more vulnerable to voltage fluctuations and lightning impacts due to their distance from the main grid.

Our Solution

PROTECTION AT EVERY CRITICAL POINT

Thanks to its encapsulated MOVs, the Armada efficiently dissipates the heat generated by a surge, allowing it to stay connected long enough for your main breaker to detect the excess and disconnect safely — with a response time of under one nanosecond.

A functional, protected automatic transfer switch (ATS) is essential — without it, even an operational generator cannot take over during an outage.

RANGES SUITED TO YOUR FARM

GALEOS Series 2+ and 3 — 120/240V and 120/208V, SCCR 20kA — for secondary panels (barns, milking parlor).

GALEOS Series 5 and 6 — 277/480V and 347/600V, SCCR 150kA — for the main panel, grain dryer, and transfer switch.

EQUIPMENT TO PROTECT

- Milking robots and automated milking systems
- Milk cooler, vacuum pump
- Ventilation, heating, and dimmable lighting drives (hog/poultry barns)
- Grain dryer and conveyors
- Automatic transfer switch and generator

Compliant with NFPA, UL, and CSA — meets requirements for emergency systems, generators, and automatic transfer switches.

Warranty & Contact

REIMBURSEMENT WARRANTY

In the event of a failure of the Armada protector caused by a manufacturing defect, Armada undertakes to reimburse your properly installed equipment — up to \$10,000 per device and \$150,000 in total, subject to eligibility conditions.

25-year warranty on all our products.

CONTACT US

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