

The Driving Evolution

RX2 Series High performance inverter

Evolved Heritage
Usability Evolving
In Constant Evolution



Evolved Heritage

This high performance inverter offers the same usability as the previous model, which allows easy replacement.



Easy replacement

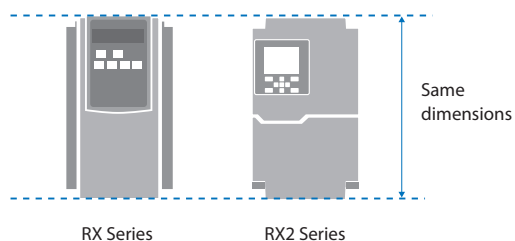
The RX2 Series with the same mounting dimension as the previous model will fit in the existing control panel or mounting location. In addition, the same setting software CX-Drive can be used for the RX2 Series. Parameter settings and programs used for the previous model can be easily converted and transferred to the RX2 Series.

Note: The depth of some models may vary.

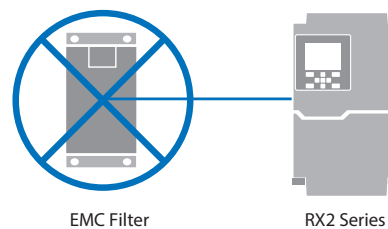
Built-in EMC Filter

Built-in noise filters corresponding to the European EMC Directive IEC61800-3 2nd Environment Category C3 and UL Power Conversion Equipment/UL61800-5-1 will save external hardware and extra cost.

Inside of control panel



Built into inverter



Usability Evolving

The RX2 Series delivers improved usability: more efficient, easier, and faster.



RX2 Series



Easy setup and operation

The new full-color LCD operator, which replaced the previous 7-segment display, makes setup and operation more intuitive and easier. The parameter copy function of the operator allows you to quickly copy parameter settings to other RX2 Inverters.

LCD operator

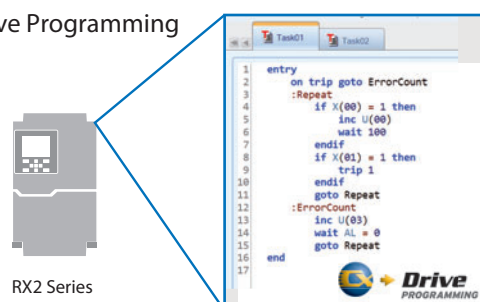


RX2 Series

Application customized

The RX2 Inverter can perform simple sequence control programmed using support software CX-Drive. Crane control, tension control, and other large-scale processes that require fast control speeds can be configured without a PLC, optimizing costs.

Drive Programming



RX2 Series



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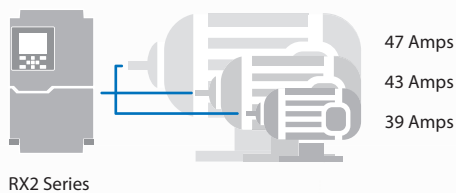
The RX2 Series continues to evolve, meeting ever-changing demands and helping improve productivity.



Triple rating

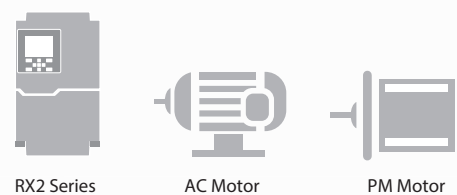
Previous double rating is upgraded to triple rating. A single inverter can be used for a wide range of motor applications, which minimizes the footprint and maximizes performance.

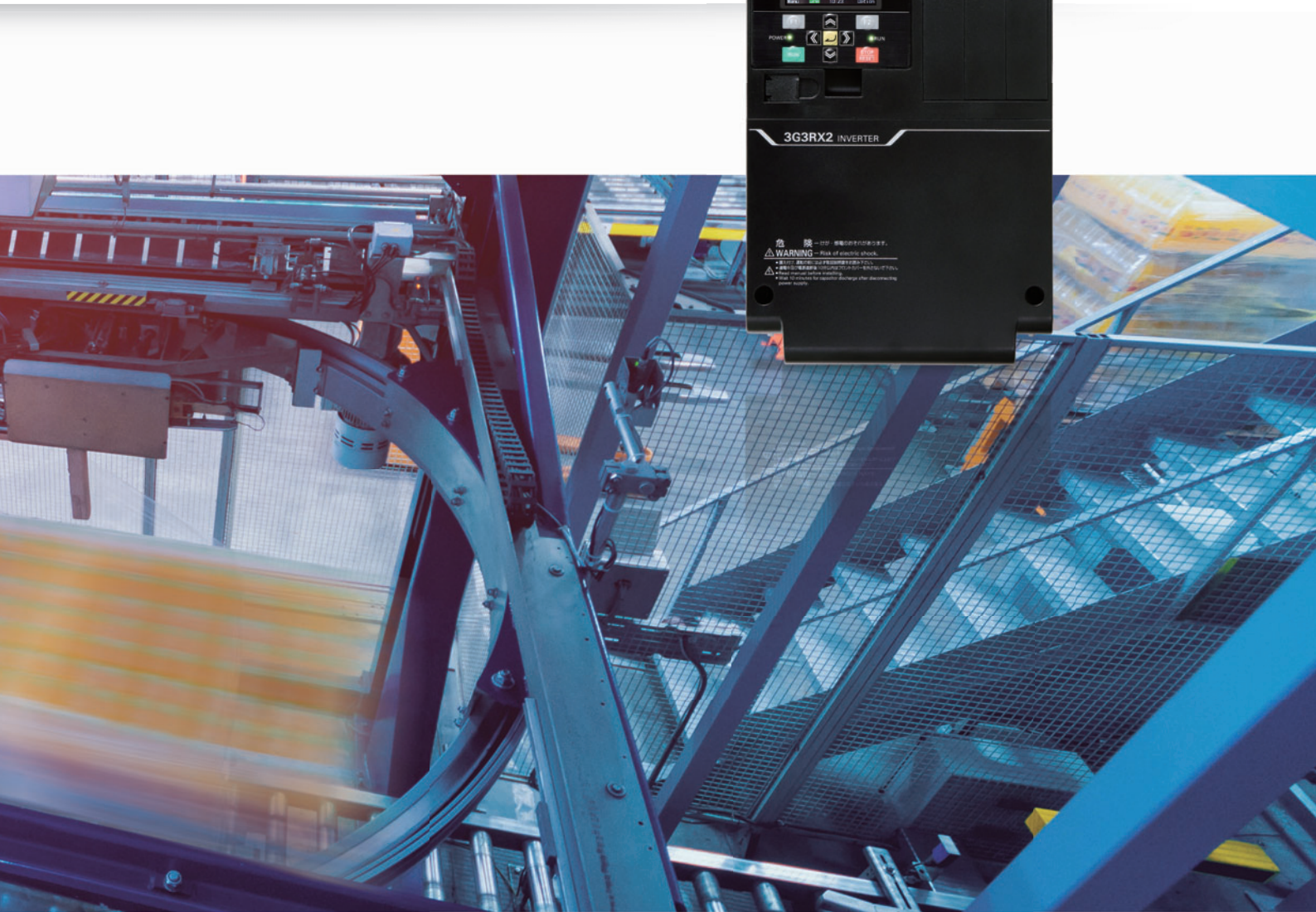
Example (3G3RX2-A4185)



PM motor control

The RX2 Series can control permanent magnet motors (PM motors) as well as induction motors. Auto-tuning maximizes PM motor performance, helping save energy.

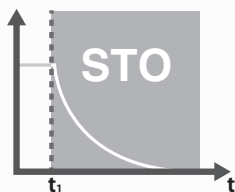




Safety embedded

The RX2 Series features Safe Torque Off (STO) as standard to meet your machine safety needs.

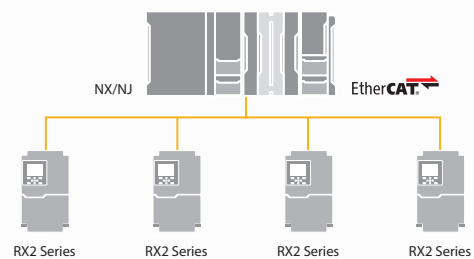
Certified safety standards:
IEC 61800-5-2:2016 STO SIL3
ISO 13849-1:2015 Cat.4 PLe



EtherCAT® **COMING SOON**

The EtherCAT option is available. Connect the RX2 Inverters with the NX/NJ Machine Automation Controller to improve development and production productivity.

Note: The EtherCAT unit will be coming soon.



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