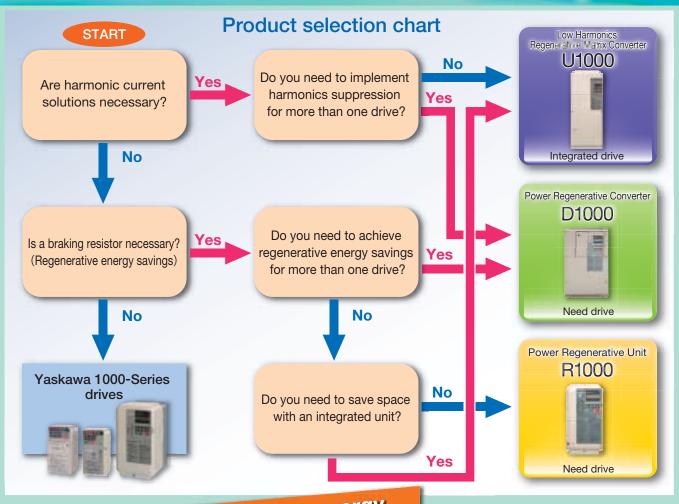
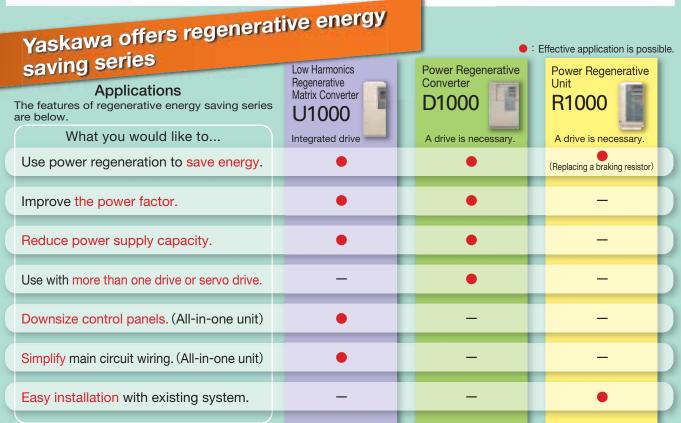


Yaskawa can achieve "Suppress harmonics" and "Regenerative energy saving"

# What is the best solution for you?





## YASKAWA Regenerative Energy-saving Unit Series

200 V Class, 5.0 kW to 55 kW\* 400 V Class, 2.2 kW to 500 kW\*

\* : Displayed in units of kW.



### High Power Factor and Power Supply Harmonic Suppression

High power factor control and power supply harmonics suppression achieve a smaller power supply capacity.

### Greater Efficiency

There is less energy lost in comparison with previous power regeneration systems because a regenerative converter and peripheral devices are not required.

### Compact

Evolved matrix converter itself features functions of AC drives, power regeneration, power factor improvement, and power supply harmonic suppression.

The all-in-one design both reduces wiring and saves space.

## Power Regenerative Converter D1000

200 V Class, 5.0 kW to 130 kW



### No Power Supply Harmonics

There are no power supply harmonics.

### Improved Power Factor

Power factor 1 control enables power to be used effectively and reduces the power supply capacity.

### Connect Multiple Units

Stable power supply is enabled by DC links between multiple AC drives.

## Power Regenerative Unit R1000

200 V Class, 3.5 kW to 105 kW 400 V Class, 3.5 kW to 300 kW



### Machine Downsizing

The system configuration is much smaller than a braking resistor system so that you can save space in control panels.

### More Braking Power

The braking torque is greater than that of conventional braking resistors. More braking power is available when in continuous regenerative operation.

### Less Heat Generation

Unlike conventional braking resistors, the unit is safe because it does not convert regenerative energy into heat.

Note: Refer to the individual product catalogs for details.

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