

INVERTER FR-E800

Addition of 11K to 22K Models
for Three-Phase 200/400 V Class Inverters

Design future
manufacturing

Open network and functional safety
functions in a compact size

E800



GOOD
DESIGN
AWARD
2020



FR-E840-11K

FR-E840-22K

NEW



11K to 22K models available for three-phase 200/400 V class inverters, improving enclosure space efficiency

E800

E800-E

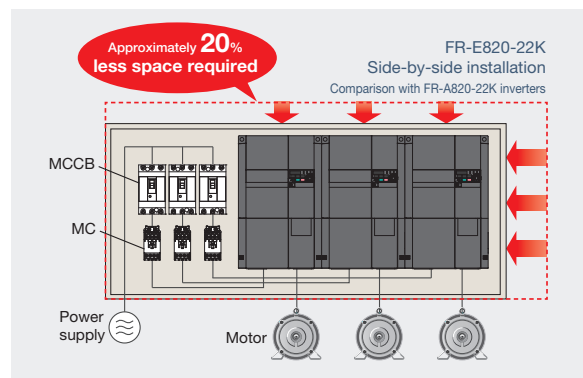
E800-SCE

► Expanded capacity range

The FR-E820-11K to 22K models and the FR-E840-11K to 22K models are added. The capacity range is extended as compared to the preceding FR-E700 inverters.

Approximately 20% less space is required for installation in an enclosure as compared to the layout using our FR-A820-22K inverters. Users can select the most suitable layout in a given space. (Note that the installation depth is greater when the plug-in option is connected.)

- When the surrounding air temperature is 40°C or less, multiple inverters can be installed side-by-side.
- Since multiple ratings are supported, the inverter can be used to drive a 30 kW motor.



NEW



Position control supported under Vector control, enabling accurate and stable transfer

E800

E800-E

E800-SCE

► Position control

Vector control enables accurate transfer of glass or PET bottles to the filling position.

The specifications are shown on the next page.

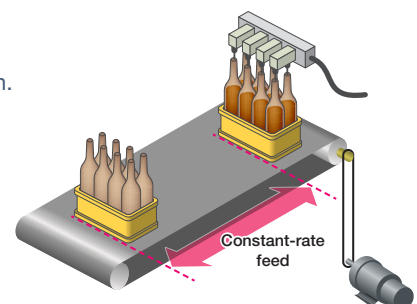
Positioning function (point table method)

Position data (target position, speed, acceleration/deceleration time) and so on can be set in the parameters.

Positioning is possible for up to 7 points.

Positioning operation is performed by selecting point table numbers with external interface signals.

Continuous positioning is possible.



Products with or without this function may coexist in the market depending on the inventory and distribution conditions.