

LONG SHENQ ELECTRONIC .CO., LTD.

ES600 MODEL

Dedicated Inverter for
Roller shutter
Door/Sliding Door

PROVIDE CUSTOMIZED SOLUTIONS:

Dedicated version

Customized version



Smart Inverter Directly Drives Roller shutter Door/Sliding Door

Features:

Use the inverter hardware wiring and intelligent functions to write the PLC programmable program into the Dedicated inverter software to directly drives Roller shutter Door/Sliding Door.
In addition to omitting the complicated PLC development project, it also has the convenience of operation and maintenance to achieve the effect of saving engineering and space costs.

A

COST SAVING

There is no need to install additional PLC controller or control development board to install this dedicated inverters.

B

TWO SETS OF INTELLIGENT MEMORY MODES

The dedicated version of the inverter provides 2 sets of memory setting parameter modes, one is the parameters of the Roller shutter door mode, and the other is the parameters of the sliding door mode, for the user to switch or store the fine-tuning parameters arbitrarily. (F119)

C

MAINS POWER OUTAGE SMART MODE

This dedicated inverter has a built-in power failure intelligent memory function, so that the gate can still operate normally after power is restored. Especially when the door is opening/ closing in progress, and the mains power failure causes the door slide rail to exceed the limit switch, the dedicated inverter can still quickly memorize this state before it is completely shut down, so that the user can only close/open the door in the opposite direction after power is restored. The function avoid the door being damaged by hitting the wall.

D

SMART MODE WHEN THE POWER IS CUT OFF AND THE GATE SWING IN THE WIND

When the gate is stationary, and a sudden gust of wind makes the gate swing and the limit switch is mistakenly touched.
The dedicated inverter will scan the status of the gate by embedded program which can avoid misoperation.

E

AUTOMATIC TIMER CLOSING MODE FOR ANTI-THEFT

Consumers have doubts about anti-theft of the door. This dedicated inverter provides automatic timing and door closing setting.Under this setting, if the consumer does not trigger the door closing button after opening the door, the machine will automatically count down to close the roller shutter or Sliding Doors directly until time is over. (F144、F145)

F

INHERENT ENTRAPMENT PROTECTION SYSTEM

Dedicated inverter refer to "Entrapment protection requirements" under UL 325 regulations, and develop the system control of Inherent entrapment protection to avoid personal injury caused by closing door and ensure personal safety.The protective mean can also be customized (F138~F143).

G

THE SAFETY MODE OF THE FOREIGN MATTER STUCK IN THE GROOVE OF THE TRACK

The safety mode of the foreign matter stuck in the groove of the track—
In the sliding door mode, when the door does not move due to gravel and foreign objects stuck in the groove, the machine will count the time during the door opening or closing action through parameter setting. Once the countdown is over, the opening and closing action will be stopped. The function can avoid the motor running continuously and causing equipment failure and damage. (F148 forward and reverse stop time)

H

SOFTWARE AUTOMATIC CALIBRATION

Under the routine maintenance of the roller shutter /Sliding Doors, the software can be reset through a set of parameter calibration. (F149 sets roller shutter/sliding doors state)

I

HISTORICAL RECORDS FOR CUSTOMER WARRANTY

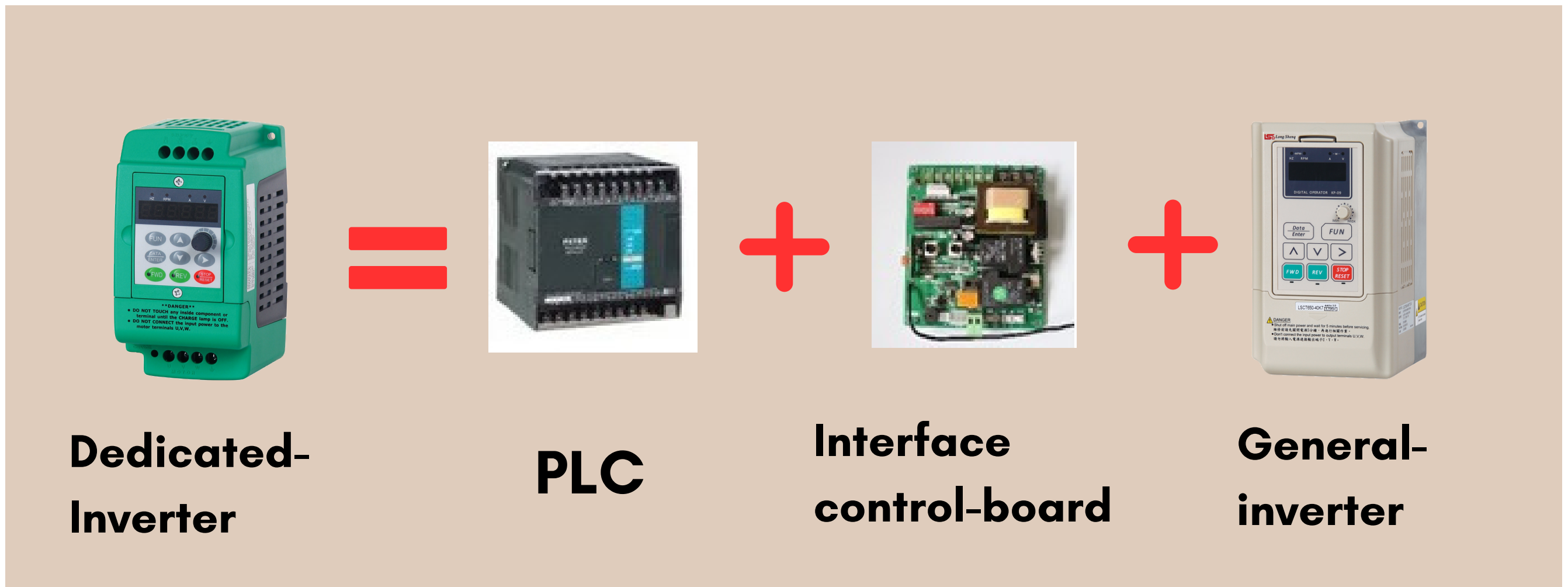
This dedicated inverter provides warranty reference parameters, which are recorded in the parameters according to the number of door closing "STOP" as warranty references。 (F146、 F147)

J

RS485 COMMUNICATION

This function can communicate with the upper controller, so that the community can be used for mixed control of multiple roller shutter door/sliding door。

Smart Inverter Directly Drives Roller shutter Door/Sliding Door



01. The following functions are already built into the dedicated frequency inverter: PLC, rolling door interface control board and general purpose frequency inverter.

02. No need to spend time editing the PLC program, the dedicated inverter has already written software, easy to replace, only the parameter settings are different, and the horsepower is common.

03. It can reduce costs, save installation labor costs, and save space.

04. The frequency inverter is sturdy and durable, saves power and has a long service life.

05. Stepless variable speed, 0~400HZ, smooth operation without vibration.

06. High starting torque, no risk of slipping.

07. Suitable for use in Taiwan and more suitable for export.

08. The frequency inverter is controlled by a high torque magnetic field vector frequency inverter.



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