

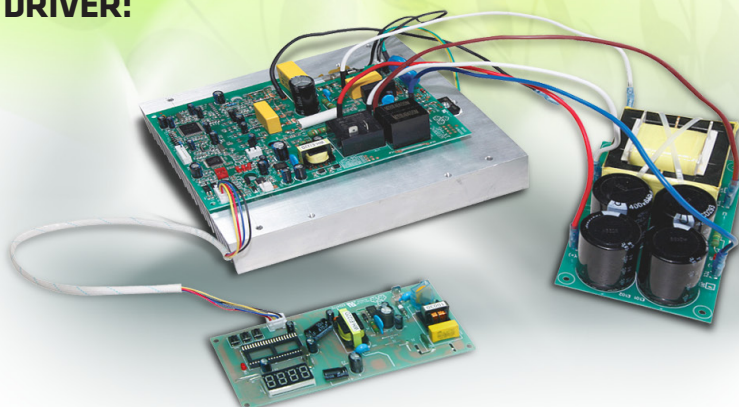
# SANHUA

# Electronic Controls

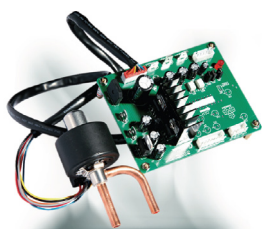


## FEATURES OF STANDARD INVERTER DRIVER:

- Up to 30% high energy efficiency.
- Mutually optimized and qualified:  
More than 20 Years Experienced Japanese Experts in Compressor Inverter Driver.
- Famous Compressor Brand: Mitsubishi, Sanyo, Toshiba, Hitachi, Panasonic...
- Capacity from 1HP to 12HP,  
Single phase or Three phase Power.
- Wide compressor speed range from 10Hz to 120Hz.
- Excellent compressor noise and vibration reduce technology.
- Protects compressor with current and voltage monitoring.
- Active power factor correction (PF > 0.985).
- Total core algorithms developed by Sanhua inside the CPU.
- Multi board easy for combine, update, after sale service and good for qualified power management.
- Wide application: Industrial, Refrigeration, RAC, CAC, Heat pump water heater, HVAC, DC motors...



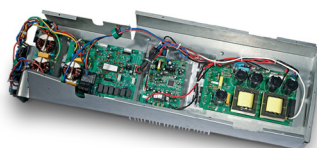
**Controller  
for EEV**



**Inverter  
Controller  
for HP Water  
Heater**



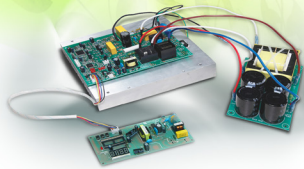
**Inverter  
Controller for  
Large System**



**Residential  
Inverter  
Controller**



# SANHUA



## Manufacturing *capabilities*

**ANNUAL CAPACITY OF INVERTER  
CONTROLLER FOR 2012 IS 500,000 SETS,  
AND THE CAPACITY WILL BE EXPANDED  
TO 1 MILLION SETS IN 2013.  
ALL EQUIPMENT IS IMPORTED,  
FOR EXAMPLE DEK ENGLAND PRINTING  
MACHINE, JUKI JAPAN SMT MACHINE,  
HELLER AMERICA REFLOW SOLDERING  
MACHINE, OMRON JAPAN AUTO OPTICAL  
INSPECTOR, AND PANASONIC JAPAN  
AUTO PLUG-IN MACHINE.**

The former Foxconn management team brings scientific manufacturing process and strict quality control. Along with all the advanced equipment, we achieve a modern production process from raw material input to product output.

- > IQC, Raw Material Ware House  
& SMT Workshop  
Equipment:
- > Transistor Curve Tracer  
, Precision LCR Meter etc. (IQC  
Equipment)
- > Electric Moisture-proof  
Cabinet, Vacuum Packaging  
Machine, Hygrothermograph,  
Check List (Raw material  
warehouse and Equipment)
- > Silk screen printing machine  
(DEK UK)
- > SMT machine (JUKI Japan)
- > Re-flow Welding Machine  
(HELLER USA)
- > Auto optics inspector  
(Omron Japan)
- > Auto plug-in machine  
(Panasonic Japan)



**Production  
Line & Product  
Warehouse**



**IQC, Raw Material Ware  
House & SMT Workshop  
Equipments**

