

Able to test LV and MV protection relay in Solar Power Plant.

- **Működtetés külső PC-ről.** The device can be connected to an external personal computer or desktop computer to operate.
- **4-fázisú 300V AC feszültség kimenet.** The device can output 4 channels 300V AC voltage, and the amplitude, phase position and frequency can be adjusted arbitrarily.
- **Új-típusú kiemelkedő minőségű lineáris teljesítmény erősítő.** The high fidelity and reliability linear power amplifier is adopted for output terminal. It will not generate high and middle interference in the test field, also make sure the waveform smooth and the accuracy highly.
- **Nagy tudású master vezérlő.** The output part is controlled by super high speed DSP+FPGA. The real-time signal processing is very powerful, the accuracy of output waveform is very high, the distortion is small and the linearity is good.
- **Moduláris felépítésű komponensek.** Adopt mass precise components and parts to realize multilevel insulated isolation and equipotential electrostatic shielding and adopt professional structure design.
- **Nagy integráltság.** Adopt high integration, small and all in one structure design to make sure small volume and light weight. Mindössze 11 kg.
- **Kiváló önvédelem.** The thermal dissipation structure is desirable, and there are voltage short circuit, current open circuit and overheat LED indicator alerts on the device panel.
- **Független segéd DC kimenet.** The device has one way 300V special DC power output.
- **Bináris kimeneti és bementi kontaktusok.** 8 pairs binary inputs and 4 pairs binary outputs.
- **Ethernet kommunikáció.** The users can use Ethernet interface on the front panel of device to communicate with the external computer.



## Technical Data

- AC Current Output (1 channel):
  - Range: 0~15A
  - Accuracy:  $\leq 0.5\%$
  - Maximum output power: 150VA
- AC Voltage Output (4 channels)
  - Range: 0~300V
  - Accuracy:  $\leq 0.5\%$
  - Maximum output power: 150VA/phase
- Independent Aux. DC Output (1 channel)
  - Range: 0~300V
  - Accuracy:  $\leq 0.5\%$
  - Maximum output power: 150VA
- Frequency
  - Range: 40~60Hz
  - Resolution: 0.01 Hz
- Phase
  - Range: 0~360°
  - Accuracy: 0.2°
  - Resolution: 0.1°
- Binary Input and Output
  - Binary input: 8 pairs
  - Binary output: 4 pairs
- Power Supply: customized (AC 220V/230V/120V/127V, 50Hz/60Hz optional)
- Environmental Conditions
  - Working Temperature: -5~+50
  - Storage Temperature: -20~+75
  - Humidity:  $\leq 90\%$  (non-condensing)
- Weight: 11kg