

SINEWAVEDIMMER WALLRACK

SINEWAVEDIMMER INSTALL

ST SERIES WALLRACK

Parameter:

- ① Operation voltage: AC 110V±10% AC220V±10%
- ② Output voltage: AC 0V-AC 220V
- ③ Frequency: 45Hz-55Hz
- ④ Rating current: 15A
- ⑤ Rating power: 3KW±10%
- ⑥ Minimum load: 0 W
- ⑦ Leakage current protection: ≤20mA
- ⑧ Harmonics Distortion: 0.5%
- ⑨ Noise: ≤45dB
- ⑩ Short Current Protection: ≥200 times
- ⑪ Dimming precision: >4000 step
- ⑫ Efficiency: 98%
- ⑬ Power factor: 0.95-0.99
- ⑭ Working temperature: -10℃-45℃
- ⑮ Working humidity: 5%-85%
- ⑯ Cooling Mode: Intelligent control
- ⑰ Constant voltage range: AC 10V-AC 220V
- ⑱ Output load: resistive load and inductive load
- ⑲ Dimensions:
 - ST1400 2CH: 650mm(L) x 320mm(W) x 222mm(H)
 - ST1400 6CH: 650mm(L) x 550mm(W) x 222mm(H)
 - ST1400 12CH: 1070mm(L) x 550mm(W) x 222mm(H)

Product Features: (ST-400 SERIES)

- ① Wall mount design, easy for operation and maintenance.
- ② Unique ventilation system keeping low external temperature ensuring long time working.
- ③ Pure sine wave output without any pollution to the network.
- ④ Standard port: double DMX512.
- ⑤ Continuously working under 35℃ with rating load.
- ⑥ Load pre-heat automatic test or manual test available.
- ⑦ Get rid of lamp ligament noise effectively.
- ⑧ Real-time reporting for: working temperature, output voltage and current output. Breaker status, loading status reviewable.
- ⑨ Automatically limit, shut down or resume current when overload or short-circuited to set up by user.
- ⑩ Each two channels can be combined to be one channel.
- ⑪ The ONLY IGBT product meet EMC standard.
- ⑫ 2CH/6CH/12CH available.

Product Features: (ST-200 SERIES)

- ① Standard 19inch design.
- ② Unique ventilation system keeping low external temperature ensuring long time working.
- ③ Pure sine wave output without any pollution to the network.
- ④ Standard port: double DMX512.
- ⑤ Continuously working under 35℃ with rating load.
- ⑥ Load pre-heat automatic test or manual test available.
- ⑦ Get rid of lamp ligament noise effectively.
- ⑧ Real-time reporting for: working temperature, output voltage and current output. Breaker status, loading status reviewable.
- ⑨ Automatically limit, shut down or resume current when overload or short-circuited to set up by user.
- ⑩ Each two channels can be combined to be one channel.
- ⑪ The ONLY IGBT product meet EMC standard.
- ⑫ Output channel: 6CH.

TINHAO®



ST400-6CH



ST400-2CH



ST200-6CH



Nanometer cooling aluminum module



8" touch screen



Sparkproof strong connectors



Intelligent working status indicator



ST600-48/60/96CH

ST600 SINE WAVE DIMMER

ST600 (IGBT) sine wave dimmer, is designed specially to overcome the defect of modern SCR dimmer, combining PWM technique with AC-AC IGBT line division control technical, which is unique in China. With this product, the interference that arises by traditional dimmer to the audio system etc that freeze the entertainment industry has been solved radically. It owns below advanced specialty:

- ① Pure sine wave output, no pollution to the power network, energy-saving, clean.
- ② Low working temperature ensure the reliability of voltage regulator operation and highly improve the security.
- ③ AC-AC pure sine wave voltage without harmonic wave, no power waste arisen, improve IGBT transistor efficiency, lower the cost for users greatly.
- ④ Special IC control voltage, simple circuit structure lead to perfect stability.

Product Features:

- ① Self-defined voltage output from AC10V-AC220V.
- ② Standard port: optical fiber, RJ45, double DMX.
- ③ Build-in Ethernet processor, support TCP/IP and Artnet protocol.
- ④ Optical fiber/network real time long distance monitoring, diagnosing and modifying.
- ⑤ Load pre-heat automatic test or manual test available.
- ⑥ Automatically limit, shut down and resume current when overload or over-heat.
- ⑦ Short-circuit automatic check and process (temporary or permanent).
- ⑧ 20 fix curves, and 5 user-defined curves available.
- ⑨ Continuously work under 35℃ with rating load.
- ⑩ Can be mount with IGBT module, transistor module or another special required module together.
- ⑪ Identifying IGBT and transistor module automatically.
- ⑫ Effectively get rid of lamp ligament noise.
- ⑬ Touch screen control interface, easy to operate.
- ⑭ Temperature, output voltage, current, breaker, and load real time reporting.
- ⑮ Two channels can be combine to one output.
- ⑯ No output load is feasible.
- ⑰ Accord with EMC standard.
- ⑱ 60ch/186ch/120ch available.

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- ④ Rating current: 15A
- ⑤ Rating power: 3KW±10%
- ⑥ Minimum load: 0 W
- ⑦ Leakage current protection: ≤20mA
- ⑧ Harmonics Distortion: ≤0.5%
- ⑨ Noise: ≤45dB
- ⑩ Short Current Protection: ≥200 times
- ⑪ Efficiency: 98%
- ⑫ Power factor: 0.99
- ⑬ Working temperature: -10℃-45℃
- ⑭ Working humidity: 5%-85%
- ⑮ Heat dissipation: Intelligent control
- ⑯ Constant voltage range: AC 10V-AC 220V
- ⑰ Output load: resistive load and inductive load

Applications:

- ① Stage TV/audium lighting control and voltage regulating.
- ② Conference center.
- ③ Electric constant voltage equipment.
- ④ Outdoor architecture/ garden landscape lighting.
- ⑤ Hotel lobby, room lighting control and voltage regulating.
- ⑥ Arena where need quiet lighting dimmer and voltage regulator.