

Electrical Performance: 2000W

| Specification | Model | | | | | | | | | |
|----------------------------------|---|-----------------|-----------------|------------------|------------------|--|------------------|------------------|-------------------|-------------------|
| Item | YK-PST 12200 | YK-PST 24200 | YK-PST 48200 | YK-PST 110200 | YK-PST 220200 | YK-PST 12200E | YK-PST 24200E | YK-PST 48200E | YK-PST 110200E | YK-PST 220200E |
| Continuous Output Power | 2000W | | | | | | | | | |
| Max. Output Power | 2300W (3mins) | | | | | | | | | |
| Surge Rating | 4000W | | | | | | | | | |
| Input Voltage | 12V | 24V | 48V | 110V | 220V | 12V | 24V | 48V | 110V | 220V |
| Frequency | 50/60Hz ± 0.05% (Switch Selectable) | | | | | | | | | |
| Output Voltage Adjustment | 100~120VAC (Tune VR) | | | | | 200~240VAC (Tune VR) | | | | |
| Peak Output Current | 36A | | | | | 18A | | | | |
| Efficiency (full load) | 86% | 88% | 89% | 94% | 94% | 87% | 90% | 92% | 94% | 94% |
| No load Current Draw | 1.25A | 0.56A | 0.32A | 0.38A | 0.18A | 1.79A | 0.87A | 0.40A | 0.40A | 0.20A |
| Output Waveform | R Load Pure Sine Wave < 3% THD | | | | | | | | | |
| P.F. | 1.0 | | | | | 1.0 | | | | |
| Input Voltage Range | 10-16 VDC | 20-32 VDC | 42-62 VDC | 90-140 VDC | 180-275 VDC | 10-16 VDC | 20-32 VDC | 42-62 VDC | 90-140 VDC | 180-275 VDC |
| DC Input over voltage alarm | 15.5VDC | 31.0VDC | 61.0VDC | 135.0VDC | 270.0VDC | 15.5VDC | 31.0VDC | 61.0VDC | 135.0VDC | 270.0VDC |
| DC Input over voltage shut-down | 16.0VDC | 32.0VDC | 62.0VDC | 140.0VDC | 275.0VDC | 16.0VDC | 32.0VDC | 62.0VDC | 140.0VDC | 275.0VDC |
| DC Input under voltage alarm | 10.5VDC | 21.0VDC | 43.0VDC | 95.0VDC | 185.0VDC | 10.5VDC | 21.0VDC | 43.0VDC | 95.0VDC | 185.0VDC |
| DC Input under voltage shut-down | 10.0VDC | 20.0VDC | 42.0VDC | 90.0VDC | 180.0VDC | 10.0VDC | 20.0VDC | 42.0VDC | 90.0VDC | 180.0VDC |
| Protection | Overload, Short Circuit, Reverse Polarity (fuse), Input Undervoltage, Input Overvoltage, Over Temperature | | | | | | | | | |
| Digital Display | OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz | | | | | | | | | |
| Safety | EN60950-1 | | | | | | | | | |
| EMC | FCC Class A | | | | | EN 55022: 2006 · Class A EN 55024:1998+A1:2001+A2:2003 EN 61000-3-2: 2006 EN 61000-3-3: 1995+ A1:2001+A2:2005 | | | | |
| Interface Control Port | RS-232 With Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable) | | | | | | | | | |
| Remote Control Unit | Optional | | | | | | | | | |
| AC Input | 110VAC | | | | | 220VAC | | | | |
| AC Frequency | (50Hz ~ 60 Hz) ± 3% | | | | | (50Hz ~ 60 Hz) ± 3% | | | | |
| Bypass | 4~6ms | | | | | 4~6ms | | | | |
| Operating Temperature Range | -20°C to 50°C | | | | | | | | | |
| Storage Temperature Range | -30°C to 70°C | | | | | | | | | |
| Dimensions | 413(L) × 278(W) × 102(H) mm | | | | | | | | | |
| Cooling | Loading controlled cooling fan | | | | | | | | | |
| Weight | 7.2kgs | | | | | | | | | |

Remark: The specifications are subject to change without notice