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| MODEL | SUNTRONIC PV 12000 ULTRA |
| RATED POWER | 11000VA/11000W |
| PARALLEL CAPABILITY | YES, 6 units |
| INPUT | |
| Voltage | 230 VAC |
| Selectable Voltage Range | 170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances) |
| Frequency Range | 50 Hz/60 Hz (Auto sensing) |
| OUTPUT | |
| AC Voltage Regulation (Batt. Mode) | 230VAC ± 5% |
| Surge Power | 22000VA |
| Efficiency (Peak) | 93% |
| Transfer Time | 10 ms (For Personal Computers) ; 20 ms (For Home Appliances) |
| Waveform | Pure sine wave |
| BATTERY | |
| Battery Voltage | 48 VDC |
| Floating Charge Voltage | 54 VDC |
| Overcharge Protection | 63 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Solar Charger Type | MPPT |
| Maximum PV Array Power | 12000W (6000W x 2) |
| MPPT Range @ Operating Voltage | 90 ~ 450 VDC |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum PV Input Current | 27A x 2 (MAX 40A) |
| Maximum Solar Charge Current | 150A |
| Maximum AC Charge Current | 150A |
| Maximum Charge Current | 150A |
| PHYSICAL | |
| Dimension, D x W x H (mm) | 145 x 438 x 553.6 |
| Net Weight (kgs) | 18.4 |
| Communication Interface | USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid shutdown, AFCI detection |
| External Current Sensor Port | Yes, built-in current transformer sensor |
| OPERATING ENVIRONMENT | |
| Humidity | 5% to 95% Relative Humidity(Non-condensing) |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -15°C to 60°C |
| STANDARD | |
| Compliance Safety | CE |

Product specifications are subject to change without further notice.