

SINUS SERIES SPECIFICATIONS

| MODEL | SS207 | SS210 | SS215 | SS 220 | SS 230 |
|--------------------------------------|---|-------|---------|-------------|---------|
| INPUT | | | | | |
| Power(kVA) | 0.7 | 1 | 1.5 | 2 | 3 |
| Voltage | 110V or 220V \pm 27% | | | | |
| Frequency | 50/60 Hz \pm 3 Hz | | | | |
| OUTPUT | | | | | |
| Voltage | 100V/110V/120V or 200V / 220V / 230V / 240V | | | | |
| Voltage Regulation | \pm 2% | | | | |
| Frequency | 50/60 Hz \pm 0.5%(Auto detection) | | | | |
| Frequency Regulation | \pm 0.5% | | | | |
| Harmonic Distortion | <3% (for linear loads) | | | | |
| Overload Capacity | 105% for 10 seconds, 130% \pm 10% for 300ms | | | | |
| BATTERY | | | | | |
| DC Voltage | 24V | 36V | 48V | 72V | 96V |
| Back Up Time Full Load | 7 min. | | 7min. | | 5 min. |
| Half Load | 20min. | | 20 min. | | 15 min. |
| Battery Type | Maintenance-free sealed lead acid | | | | |
| Recharge Time | 8 hours(to 90% of full capacity) | | | | |
| EFFICIENCY | | | | | |
| Whole | >85% | | | | |
| Inverter | >90% | | | | |
| TRANSFER | | | | | |
| Power Failure&Recovery | 0ms | | | | |
| NOISE LEVEL | | | | | |
| 1 m Distance | <45dBA | | <50dBA | | |
| LED INDICATORS | | | | | |
| Status | line input (green), inverter output (green), bypass (yellow), fault (red) | | | | |
| Battery Capacity | 4 green, 1 red LED and red bar LEDs indicate low capacity | | | | |
| Load Level | 4 green, 1 red LED and red bar LEDs indicate overload condition | | | | |
| ALARMS | | | | | |
| Load On Battery | Warning beep every 4 seconds | | | | |
| Battery Low | Warning beep every 1 seconds | | | | |
| UPS Fault | Continuous beeping sound | | | | |
| COMMUNICATION | | | | | |
| RS-232 Interfaces Dry Contact Signal | Provide power management&diagnostic functions including power status battery low schedule UPS ON/OFF, battery load level display and more Compatible with Windows 95/98 NT, Novel, UNIX other popular systems | | | | |
| ENVIRONMENT | | | | | |
| Temperature | 0°C - 40°C | | | | |
| Humidity | 0% - 95% | | | | |
| PHYSICAL | | | | | |
| Tower Type | | | | | |
| Net Weight (kg) | 12.5 | 15 | 18 | 32 | 36 |
| Dimensions(mm) WxDxH | 145x400x220 | | | 192x455x380 | |
| 19" Rack Mount Type | | | | | |
| Net Weight (kg) | 17.5 | 20 | 25 | 28 | 32 |
| Dimensions(mm) WxDxH | 430x400x130 | | | 430x505x130 | |