# On-line UPS

## Solomon Comet Series

SCO 6000 RT – SCO 10000 RT

▶ **Key Features**

- Output Power Factor 0.9
- ECO Mode for Energy Saving
- Emergency Power Off (EPO) Port
- Easy Battery Replacement
- HID USB Communication

| Model | SCO 6000 RT | SCO 10000 RT |
|---|---|---|
| Capacity | 6000VA/5400W | 10000VA/9000W |

| **AC Input** | | |
|---|---|---|
| Nominal Voltage | 220/230/240Vac | |
| Voltage Range | 80-300Vac | |
| Frequency Range | (45-55)v(54-66)Hz | |
| Power Factor | ≥ 0.99 | |
| Harmonic Distortion (THDi) | <5% @full linear load | |

| **DC Output** | | |
|---|---|---|
| Nominal Voltage | 220/230/240Vac | |
| AC Voltage Regulation | ±1% | |
| Frequency Range (Battery Mode) | 50/60 Hz ± 0.5% | |
| Current Crest Ratio | 3:1 (max.) | |
| Harmonic Distortion (THDv) | <2% linear load; ≤ 5% non-linear load | |
| Transfer Time — AC Mode to Battery Mode | 0ms | |
| Transfer Time — Inverter Mode to Bypass Mode | 5ms | 0ms |
| Transfer Time — ECO Mode to Battery Mode | 10ms | |
| Overload Protection | 105%~125%, transfer to bypass after 1min; 125%~135% transfer to bypass after 30s; 135%-150% transfer to bypass after 10s; >150%, Transfer to bypass immediately | |

| **Efficiency** | | |
|---|---|---|
| Inverter Mode | 92 % | |
| Battery Mode | 90 % | |
| ECO Mode | 96 % | |

| **Battery** | | | |
|---|---|---|---|
| Standard Model | Battery Type | 12V / 9Ah | 12V / 9Ah |
| | Total Battery Quantity | 16 | 16 |
| | Typical Charging Time | 5 hours recover to 90% capacity | 6 hours recover to 90% capacity |
| | Charging Current | 1 A | 1 A |
| Long-run Model | Battery Type | Depending on application | |
| | Total Battery Quantity | Depending on application | |
| | Charging Current | 4A | 4A |

| **Interface** | | |
|---|---|---|
| SNMP | Yes | |
| RS232 | Yes | |
| HID Compliant USB Port | Yes | |
| EPO | Yes | |
| Dry Contact | Optional | |

| **Physical** | | | |
|---|---|---|---|
| Standard Model | UPS Dimensions, WxHxD(mm) | 433x131x480 | 433x131x480 |
| | EBM Dimensions, WxHxD (mm) | 433x88x680 | 433x88x680 |
| | Weight (kg) | 59.4 | 70 |
| Long-run Model | Dimensions, DxWxH(mm) | 433x131x480 | 433x131x480 |
| | Weight (kg) | 13.8 | 14.6 |

| **Environment** | | |
|---|---|---|
| Operating Humidity | 0-90% non- condensing | |
| Operating Temperature | 0-40℃ | |
| Noise Level | <55dB | |

*Product specifications are subject to changes without further notice