

# On-line UPS

## Solomon Comet Series

SCO 1000 RT – SCO 3000 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 1000 RT	SCO 2000 RT	SCO 3000 RT		
Capacity		1000VA/900WA	2000VA/1800WA	3000VA/2700WA		
AC Input						
Nominal Voltage		220/230/240Vac				
Voltage Range		80-300Vac				
Frequency Range		40Hz-70Hz				
Power Factor		≥ 0.99				
Harmonic Distortion (THDi)		<3% @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)		<3% linear load; ≤ 5% non-linear load				
Transfer Time	AC Mode to Battery Mode	0ms				
	Inverter Mode to Bypass Mode	2.3ms	2.1ms	2.5ms		
	ECO Mode to Battery Mode	7.1ms	6.5ms	7.4ms		
Overload Protection		105%~110%, Overload warning only (No shutdown) 110%~120% Warning, transfer to bypass after 60sec >120%, Transfer to bypass immediately				
Battery						
Standard Model	Battery Type	12V / 9Ah	12V / 7Ah	12V / 9Ah	12V / 7Ah	12V / 9Ah
	Total Battery Quantity	2	3	4	6	6
	Typical Charging Time	4 hours recover to 90% capacity				
	Charging Current	1.5A		1.5A		1.5A
Long-run Model	Battery Type	Depending on application				
	Total Battery Quantity	2	3	4	6	6
	Charging Current	4A / 8A		4A / 8A		4A / 8A
Interface						
SNMP		Yes				
RS232		Yes				
HID Compliant USB Port		Yes				
EPO		Yes				
Dry Contact		Optional				
Physical						
Standard Model	Dimensions, WxHxD(mm)	433x88x430	433x88x430	433x88x610	433x88x610	
	Weight (kg)	10.42	13.1	17.15	22.51	27.6
Long-run Model	Dimensions, WxHxD(mm)	433x88x430	433x88x430	433x88x610	433x88x610	
	Weight (kg)	8.4	8.5	8.5	12	
Environment						
Operating Humidity		0-90% non- condensing				
Operating Temperature		0-40°C				
Noise Level		<45dB	<50dB	<50dB		

\*Product specifications are subject to changes without further notice