

On-line UPS

Solomon Earth Series

SEO 1000 – SEO 3000



► Key Features

- Output Power Factor 0.9
- High Inverter Mode Efficiency
- Comprehensive LCD Display
- ECO Mode Settable
- Recharge to 90% Battery Capacity within 4 Hours
- HID USB Communication
- DSP Technology Enables High Performance

Model		SEO 1000	SEO 2000	SEO 3000
Capacity		1000VA/900W	2000VA/1800W	3000VA/2700W
Input				
Nominal Voltage		208/220/230/240Vac		
Voltage Range		100-300Vac		
Frequency Range		45~55Hz / 54~66Hz		
Power Factor		≥ 0.99 @100% load		
Harmonic Distortion (THDi)		<5% @full linear load		
Output				
Nomial Voltage		220/230/240Vac		
AC Voltage Regulation		±2%		
Frequency Range (Battery Mode)		50/60 Hz ± 0.5%		
Current Crest Ratio		3:1 (Max.)		
Harmonic Distortion (THDv)		<1% @ linear load; <5% @ non-linear load		
Transfer Time	AC Mode to Battery Mode	Zero		
	Inverter Mode to Bypass Mode	4 ms (Typical)		
	ECO Mode to Battery Mode	<10ms (Max.)		
Overload Protection		105%~130% for 60 sec;130%~150% for 10sec; >150% for 300ms		
Efficiency				
AC Mode		>89%	>90%	>90%
ECO Mode		>97%		
Battery Mode		84.4	87.3	88.1
Battery				
Standard Model	Battery Type	12V / 9Ah	12V / 9Ah	12V / 9Ah
	Total Battery Quantity	2	4	6
	Typical Recharge Time	4 hours recover to 90% capacity		
	Charging Current	1.5A		
Long-run Model	Battery Type	Depending on application		
	Total Battery Quantity	2	4	6
	Charging Current	6A		
Interface				
SNMP		Optional		
RS232		Optional		
HID USB Port		Yes		
Communication Card Slot		Optional		
EPO		Yes		
Indicators				
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault conditions		
Physical				
Standard Model	Dimensions WxHxD (mm)	144 x 229 x 345	190 x 330 x 352	190 x 330 x 393
	Weight (Kg)	9.4	17	22.2
Long-run Model	Dimensions WxHxD (mm)	102 x 228 x 352	102 x 327 x 396	102 x 327 x 396
	Weight (Kg)	3.76	6	6.08
Enviroment				
Operating Humidity		<90% non-condensing		
Operating Temperature		0-40°C		
Noise Leve @ 1meter		40dB	50dB	