

# On-line UPS

## Solomon Earth Series

SEO ONE 6K– SEO ONE 10K



### ► Key Features

- Output Power Factor 1
- Wide Input Range
- Configurable Battery Voltage Range Without Derating
- High Inverter Mode Efficiency 95%
- CVCF Mode Settable
- Recharge to 90% Battery Capacity within 3 Hours
- Superior Charger Capacity for Long Backup Time Model
- Adjustable Charging Current
- Maintenance Bypass Switch Optional

Model		SEO ONE 6k	SEO ONE 10k
Capacity		6000W	10000W
<b>Input</b>			
Nominal Voltage		208/220/230/240Vac	
Voltage Range		110-276Vac	
Frequency Range		40-70Hz	
Power Factor		≥ 0.99 @ 100% load	
Harmonic Distortion (THDi)		<3% @ full linear load	
<b>Output</b>			
Nomial Voltage		220/230/240Vac	
Voltage Regulation		±1%	
Frequency Range (Battery Mode)		50/60 ± 0.5Hz	
Current Crest Ratio		3:1 (Max.)	
Harmonic Distortion (THDv)		≤1% @ linear load; ≤5% @ non-linear load	
Transfer Time	Battery Mode to Inverter Mode	Zero	
	Inverter Mode to Bypass Mode	Zero	
	ECO Mode to Battery Mode	<10 ms (Max.)	
Overload Protection		105%~125% for 10 min;125%~150% for 30sec; >150% for 500ms	
<b>Efficiency</b>			
AC Mode		95%	
ECO Mode		98%	
Battery Mode		92%	
<b>Battery</b>			
Standard Model	Battery Type	12V / 7Ah	12V / 9Ah
	Total Battery Quantity	16~20 pcs (Adjustable)	
	Typical Recharge Time	3 hours recover to 90% capacity	
	Charging Current	1.4A (0~4A adjustable)	2A (0~4A adjustable)
Long-run Model	Battery Type	Depending on external battery	
	Total Battery Quantity	16~20 pcs (Adjustable)	
	Charging Current	0~12A (adjustable)	
<b>Interface</b>			
RS232		Yes	
HID USB Port		Yes	
Communication Card Slot		Optional	
EPO		Yes	
<b>Indicators</b>			
LCD Display		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault conditions	
<b>Physical</b>			
Standard Model	Dimensions WxHxD (mm)	225 x 589 x 452	225 x 589 x 452
	Weight (Kg)	53	61
Long-run Model	Dimensions WxHxD (mm)	225 x 353 x 452	225 x 353 x 452
	Weight (Kg)	14	16
Battery Pack	Dimensions WxHxD (mm)	225 x 353 x 452 (2 String)	
<b>Enviroment</b>			
Operating Humidity		< 90 % non-condensing	
Operating Temperature		0-40°C	
Noise Leve @ 1meter		< 40 dB	< 50 dB

Product specification are subject to change without further notice