

On-line UPS

Solomon Earth Series

SEO ONE 1000 – SEO ONE 3000



► Key Features

- Output Power Factor 1.0
- Intelligent Internet of Things (IoT)
- High Efficiency
- CVCF Mode Settable
- Dot Matrix LCD Support up to 10 Languages
- Wide Input Range
- Built-in OVCD Protection
- Built-in Fan Lock Detection
- Temperature Compensated Battery Charging
- Recharge to 90% Battery Capacity within 3 Hours
- HID USB Communication

Model	SEO ONE 1000	SEO ONE 1500	SEO ONE 2000	SEO ONE 3000			
Capacity	1000W	1500W	2000W	3000W			
Input							
Nominal Voltage	208/220/230/240Vac						
Voltage Range	110-300Vac						
Frequency Range	45~55Hz/54~66Hz						
Power Factor	≥ 0.99 @100% load						
Harmonic Distortion(THDi)	<5% @full linear load						
Output							
Nominal Voltage	200/208/220/230/240Vac						
AC Voltage Regulation	±1%						
Frequency Range (Battery Mode)	50/60 ± 0.2Hz						
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	4 ms (Typical)					
	ECO Mode to Battery Mode	<10 ms (Max.)					
Overload Protection	105%~125% for 5 min;125%~150% for 30sec; >150% for 500ms						
Efficiency							
AC Mode	89%		93%				
ECO Mode	96%	97%					
Battery Mode	TBA	TBA					
Battery							
Standard Model	Battery Type	12V / 7Ah	12V / 9Ah	12V / 7Ah	12V / 7Ah	12V / 9Ah	12V / 9Ah
	Total Battery Quantity	2	3	3	6	4	6
	Typical Recharge Time	3 hours recover to 90% capacity					
	Charging Current	1.5A		1.5A	1.5A		1.5A
Long-run Model	Battery Type	Depending on application					
	Total Battery Quantity	2	3	3	6	4	6
	Charging Current	8A		8A	8A		6A
Interface							
SNMP	Optional						
RS232	Optional						
HID USB Port	Yes						
Communication Card Slot	Optional						
EPO	Yes						
Wifi Connection	Optional						
Indicators							
LCD Display	Dot matrix LCD support up to 10 languages (Segment LCD optional) Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault conditions						
Physical							
Standard Model	Dimensions WxHxD (mm)	145 x 220 x 397		190 x 318 x 421			
Long-run Model	Dimensions WxHxD (mm)	145 x 220 x 397		190 x 318 x 421			
Environment							
Operating Humidity	< 90 % non-condensing						
Operating Temperature	0-40°C						
Noise Level @ 1meter	< 40 dB		< 58 dB				

Product specification are subject to change without further notice