

# On-line UPS

## Solomon Earth Series

SEO ONE 1000RT – SEO ONE 3000 RT



### ► Key Features

- Output Power Factor 1.0
- Intelligent Internet of Things (IoT)
- Programmable Power Management Outlets
- Hot Swappable Battery Design
- High Inverter Mode 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 1000RT	SEO ONE 1500RT	SEO ONE 2000RT	SEO ONE 3000RT			
Capacity	1000W	1500W	2000W	3000W			
<b>Input</b>							
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						
<b>Output</b>							
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% @ liner load; ≤5% @ non-liner load						
Transfer Time	Battery Mode to Inverter Mode						
	Inverter Mode to Bypass Mode						
	ECO Mode to Battery Mode						
Overload Protection	105%~125% for 5 min;125%~150% for 30sec; >150% for 500ms						
<b>Efficiency</b>							
AC Mode	89%		93%				
ECO Mode	96%	97%					
Battery Mode	TBA	TBA					
<b>Battery</b>							
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					
Long-run Model	Battery Type	Depending on application					
	Total Battery Quantity	2	3	3	6	4	6
	Charging Current	8A		8A	8A		6A
<b>Interface</b>							
Ethernet Port	Built-in ethernet port support direct cloud connection or local net work connection						
SNMP	Optional						
RS232	Optional						
HID USB Port	Yes						
Communication Card Slot	ModBus card and dry contact card						
EPO	Yes						
Wifi Connection	Optional						
<b>Indicators</b>							
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						
<b>Physical</b>							
Dimensions WxHxD (mm)	438 x 86.5 x 445		438 x 86.5x 608				
<b>Environment</b>							
Operating Humidity	< 90 % non-condensing						
Operating Temperature	0-40°C						
Noise Leve @ 1meter	< 40 dB		< 45 dB				

Product specification are subject to change without further notice