



# AdPS


Advanced Power Systems

## Micro S RT Pro

800 - 3000 VA



- Microprocessor-based line interactive design
- Pure sine wave output
- Output power factor 0.9
- User-friendly and easy-shift LCD display
- Rack/Tower design
- Built-in boost and buck AVR
- Output power factor 0.8
- Hot-swappable battery design
- Programmable power management outlets
- ECO operation for energy saving
- Emergency Power Off Function (EPO)
- Long-run models available
- Multiple communication available



*...principle safety*

# Micro S RT Pro

800 - 3000 VA



## Microprocessor-based line interactive design

AdPoS Micro S RT Pro is designed with microprocessor controller for fast response to power disturbances.

## Pure sine wave output

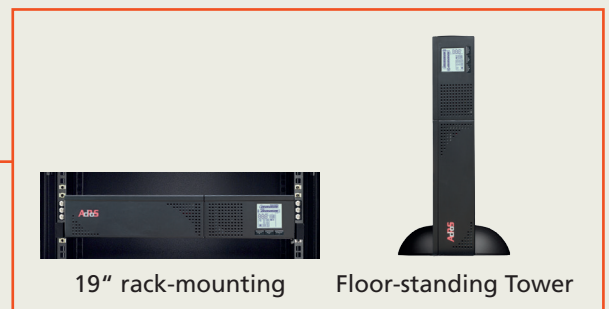
With pure sine wave output, AdPoS Micro S RT Pro guarantees compatibility for all kinds of loads. It's perfect power protection for versatile applications such as networking, telecom and other missioncritical applications.

## User-friendly and easy-shift LCD display

The front panel digital display can be easily shifted through LCD setting to suit the installation format, vertically stand or flat wall mount.

## Rack/Tower design

AdPoS Micro S RT Pro is designed in true 2U universal-mount case. It can be easily installed as floor-standing tower or in 19-inch rackmount bracket.



19" rack-mounting

Floor-standing Tower

## Built-in boost and buck AVR

With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages.

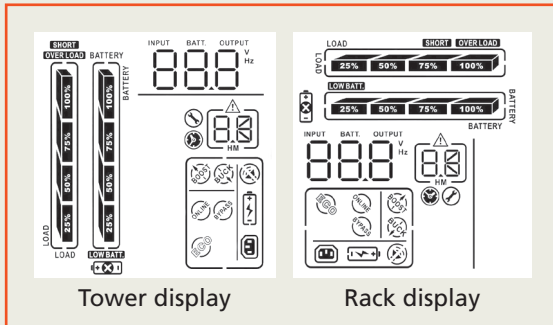
## Output power factor 0.9

AdPoS Micro S RT Pro is a high-density UPS with output power factor 0.9 to provide higher performance and efficiency to critical applications.





## LCD Display Panel

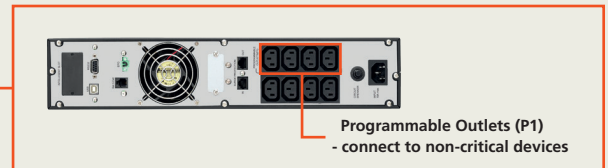


## Hot-swappable battery design

This design ensures clean and uninterruptible power to protected equipment during battery replacement.

## Programmable power management outlets

With programmable power management outlets, users can easily and independently control load segments. During power failure, this feature enables users to extend battery time to mission-critical devices by shutting down the non-critical devices.



Programmable Outlets (P1)  
- connect to non-critical devices

## ECO operation for energy saving

(Efficiency Corrective Optimizer)

The ECO function allows cost-effective operation of UPS Systems as high as 98%. In this operation mode, load is supplied by the mains. In the event of a mains failure, the inverter takes over the load and provides supply continuity to the connected systems.

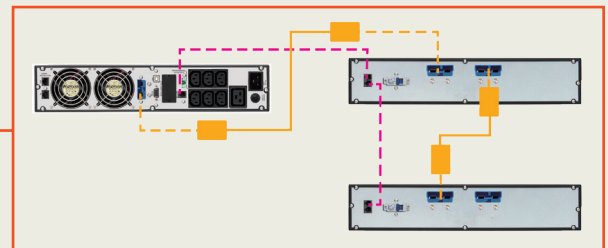


## Emergency Power Off Function (EPO)

This feature can secure the personnel and equipment in case of fires or other emergencies.

## Long-run models available

To provide longer backup time, we also offer long-run model for AdPoS Micro S RT Pro series.



## Multiple communication available

- USB port
- RS-232 port
- SNMP slot (option)

We also offer free monitoring software, ViewPower, downloaded from the internet. This advanced and networking software supports various operating systems and multiple languages.

# Micro S RT Pro

MODEL	800	1.1K(L)	1.5K	2K(L)	3K(L)	
CAPACITY	800 VA / 720 W	1100 VA / 990 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W	
<b>INPUT</b>						
Acceptable Voltage Range	81-145 VAC or 162-290 VAC					
Frequency Range	60/50 Hz (auto sensing)					
<b>OUTPUT</b>						
Voltage Regulation (AC Mode)	110/115/120/127 VAC or 208/220/230/240 VAC					
Voltage Regulation (Batt. Mode)	±1.5% (before battery alarm)					
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz					
Current Crest Ratio	03:01:00					
Harmonic Distortion	2% max @ 100% linear load, 5% max @ 100% non-linear load (before alarm)					
Transfer Time	Typical 2-6 ms, 10ms max.					
Waveform (Batt. Mode)	Pure Sine Wave					
<b>EFFICIENCY</b>						
AC Mode	95% for 110/115/120/127 VAC ; 97% for 208/220/230/240 VAC					
Buck & Boost Mode	93% for 110/115/120/127 VAC ; 95% for 208/220/230/240 VAC					
Battery Mode	88% for 110/115/120/127 VAC 89% for 208/220/230/240 VAC	90% for 110/115/120/127 VAC 91% for 208/220/230/240 VAC	90% for 110/115/120/127 VAC 91% for 208/220/230/240 VAC	90% for 110/115/120/127 VAC 92% for 208/220/230/240 VAC	90% for 110/115/120/127 VAC 92% for 208/220/230/240 VAC	
<b>BATTERY</b>						
Standard Model	Battery Type & Number	12 V/7 Ahx2	12 V/9 Ahx2	12 V/7 Ah x4	12 V/9 Ah x4	12 V/9 Ah x6
	Charging Voltage	27.4 VDC ± 1%		54.8 VDC ± 1%		82.1 VDC ± 1%
	Recharge Time	4 hours recover to 90% capacity				
Long-run Model	Charging Current	N/A	1A/2A/4A/8A	N/A	1A/2A/4A/8A	1A/2A/4A/8A
	Charging Voltage		27.4 VDC±1%		54.8 VDC±1%	82.1 VDC ± 1%
<b>PROTECTION</b>						
Full Protection	Overload, short, discharge, and overcharge protection					
<b>ALARM</b>						
Battery Mode	Sounding every 10 seconds					
Low Battery	Sounding every 2 seconds					
Overload	Sounding every second					
Battery Replacement Alarm	Sounding every 2 seconds					
Fault	Continuously sounding					
<b>PHYSICAL</b>						
Standard Model	Dimension, DXWXH (mm)	410 x 438 x 88		510 x 438 x 88		630 x 438 x 88
	Net Weight (kg)	12.9	13.4	19.5	21.5	29.3
Long-run Model	Dimension, DXWXH (mm)	N/A	410 x 438 x 88	N/A	410 x 438 x 88	110/115/120/127 VAC: 510 x 438 x 88 208/220/230/240 VAC: 410 x 438 x 88
	Net Weight (kg)		9		11	110/115/120/127 VAC: 13.9 208/220/230/240 VAC: 11.9
<b>ENVIRONMENT</b>						
Operating Humidity	0-90 % RH @ 0- 40°C (non-condensing)					
Noise Level	Less than 45dB					
<b>MANAGEMENT</b>						
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC					
Optional SNMP	Power management from SNMP manager and web browser					

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