



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

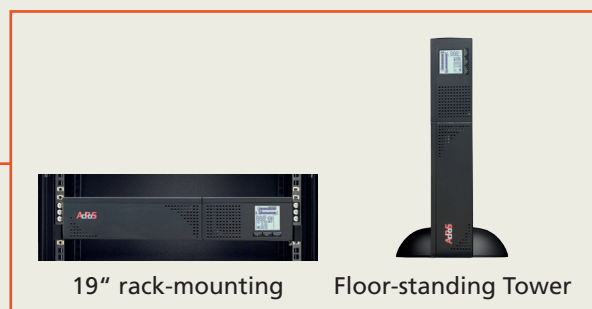
With pure sine wave output, AdPoS Micro S RT Pro guarantees compatibility for all kinds of loads. It's perfect power protection for versatile applications such as networking, telecom and other missioncritical applications.

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

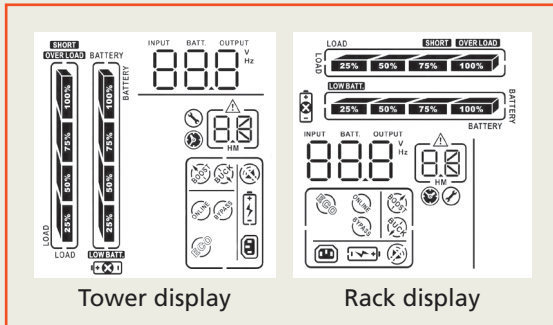
With built-in voltage regulator, the UPS will maintain regulated nominal output without using battery power during brownouts and overvoltages.

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

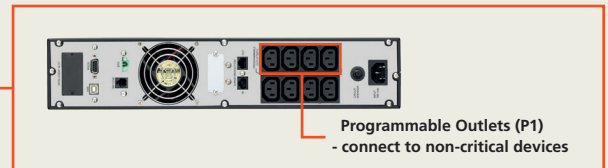


Hot-swappable battery design

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.



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.

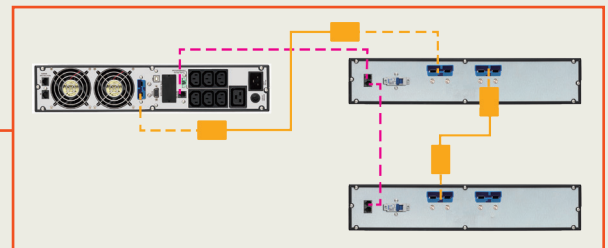


Emergency Power Off Function (EPO)

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	
INPUT						
Acceptable Voltage Range	81-145 VAC or 162-290 VAC					
Frequency Range	60/50 Hz (auto sensing)					
OUTPUT						
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					
EFFICIENCY						
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	
BATTERY						
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%
PROTECTION						
Full Protection	Overload, short, discharge, and overcharge protection					
ALARM						
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					
PHYSICAL						
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
ENVIRONMENT						
Operating Humidity	0-90 % RH @ 0- 40°C (non-condensing)					
Noise Level	Less than 45dB					
MANAGEMENT						
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					

March 2016

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