

# PRO S Series

## 1~3kVA online Rack UPS



### Power range

1~3kVA

### Operation

1P/1P, online double conversion

### Applications

Government, Finance, IT,  
Education, Transportation,  
Broadcasting, Medical,  
Energy, etc.

### Characteristics

- High efficiency up to 96%.
- Output PF=1, high load adaptability.
- Wide input voltage range of 110~300Vac.
- Max charging current up to 12A.

Model	PRO S 001R	PRO S 001LR	PRO S 01.5R	PRO S 01.5LR	PRO S 002R	PRO S 002LR	PRO S 003R	PRO S 003LR		
Rate Power	1kVA/1kW	1kVA/1kW	1.5kVA/1.5kW	1.5kVA/1.5kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW		
Cold start	Default output 50/60Hz									
Input voltage range	110~300VAC;100% load@176VAC~276VAC, 100%~50% power derating@110VAC~176VAC, 50% load@276VAC~300VAC									
Input power factor	≥0.99									
Frequency range	50/60±5Hz(default),±3Hz/±10Hz(settable)									
Output power factor	1.0									
Output	Rate voltage	220/230/240VAC, 200/208VAC(PF=0.9)								
	Load response	≤5% (0% - 100% -0% step load)								
	Recovery time	≤40ms (0% - 100% -0% step load)								
	Output THDu	≤2% , Linear load ; ≤ 5% non-linear load according to IEC62040-3								
	Socket(option)	IEC, Schuko, NEMA, South Africa, UK								
Transfer time	Main to BAT	0								
	INV to BYP	4ms								
Efficiency (normal mode)	Up to 96%									
Noise (1 meter)	43dB@<60%load, 47dB@>60%load				<50dB@<60%load, <55dB@>60%load		<50dB@<60%load, <55dB@>60%load			
Overload	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds								
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds								
	Bypass mode	<130%: long time, 130%~150%:10mins, 150%~180%:5 seconds								
Battery	Quantity	2(12VDC*9Ah) 3(12VDC*7/9Ah)	Depend on external battery	3(12VDC*7Ah)	Depend on external battery	4(12VDC*9Ah) 6(12VDC*7/9Ah)	Depend on external battery	6(12VDC*7/9Ah) Depend on external battery		
	Max charging	1A	1-12A(optional)	1A	1-12A(optional)	1A	1-12A(optional)	1A 1-12A(optional)		
	Rate voltage	24/36VDC		36VDC		48/72VDC		72VDC		
Standard	EPO, RS232									
Option	SNMP card,AS400, USB, RS485, Air filter									
Dimension ,W*D*H(mm)	440*440*86				440*580*86		440*580*86		440*440*86	
Weight (kg)	10.1/12.5	7	12.5	7	19	7	21	10		