

6~10kVA Single Phase Rack UPS



Power Range
6-10kVA



Operation
1P/1P, online double conversion



Applications
Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy and more.



Characteristics

- Intelligent battery management
- 3-level topology, high performance and efficiency
- Online double conversion, full digital control
- Output PF=1, high load adaptability
- Wide range of input voltage tolerance
- Adapt to half-wave load
- Auto fault waveform recording
- Self-aging function to save test energy
- 10kW in 2U, high power density



Model	USS006BR	USS010BR
Rate Power	6kVA/6kW	10kVA/10kW
Cold start	Default output 50/60Hz	
Input voltage range	110-288VAC; 100% load@>176VAC; 90% load@>154VAC; 75% load@>132VAC; 50% load@>110VAC	
Input power factor	≥0.99	
Frequency range	40~70Hz	
Output power factor	1.0	
Output - Rate voltage	220/230/240VAC, 200/208VAC (PF=0.9)	
Output - Load response	≤5% (0% - 100% -0%)	
Output - Recovery time	≤40ms (0% - 100% -0%)	
Output THDu	≤1%, linear load; ≤ 5%, non-linear load according to IEC62040-3	
Transfer time - Main to BAT	0ms	
Transfer time - INV to BYP	0ms	
Crest factor	3:1	
Battery - Type	12VDC/9Ah	12VDC/9Ah
Battery - Quantity	16	16
Battery - Rate voltage	1A	1A
Battery - Max charging	192VDC (default), settable	
Efficiency - normal mode	Max 95%	
Noise (1 meter)	<58dB	
Overload - Normal mode	105%-110%: 10mins, 111%-125%: 1min, 126%-150%: 30 seconds	
Overload - ECO mode	<125%: long time, 126%-130%: 5mins, 131%-150%: 1min, >150%: 200ms	
Communication	RS232, EPO, RS485	
Option	AS400, USB, SNMP card, 12A charger, Parallel kit, Air filter	
Dimension (WxDxH)mm	440x660x172	440x660x172
Weight (kg)	62.5	63
Compliance	EN IEC 62040-1:2019, EN IEC 62040-2:2018, EN IEC 61000-3:2019	

6~10kVA Single Phase Tower UPS



Power Range
6-20kVA



Operation
1P/1P, online double conversion



Applications
Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy and more.



Characteristics

- Intelligent battery management
- 3-level topology, high performance and efficiency
- Online double conversion, full digital control
- Output PF=1, high load adaptability
- Wide range of input voltage tolerance
- Adapt to half-wave load
- Auto fault waveform recording
- Self-aging function to save test energy



Model	USS006B	USS010B
Rate Power	6kVA/6kW	10kVA/10kW
Cold start	Default output 50/60Hz	
Input voltage range	110-288VAC (220/230/240VAC); 176VAC-288VAC, full load; 176-110 VAC, power derate from 100% to 50%	
Input power factor	≥0.99	
Frequency range	40~70Hz	
Output frequency	50/60Hz, self adaption	
Output power factor	1	
Rate output	220/230/240VAC	
Load regulation	±1%	
Output THDu	≤1%THD, linear load; ≤5%THD, non-linear load	
Transfer time - main to BAT	0ms	
Transfer time - INV to BYP	0ms	
Efficiency - normal mode	Max 95%	
Efficiency - ECO mode	98%	
Noise (1 meter)	58dB	
Overload (normal mode)	110%: 10mins; 125%: 1min; 150%: 30 seconds	
Battery - Type	12VDC/9Ah	12VDC/9Ah
Battery - Quantity	16	16
Battery - Max charging	1A	1A
Battery - Rate voltage	Default 192VDC, settable	
Crest	3:1	
Display	LED+LCD	
Standard	RS232, EPO, RS485	
Option	AS400, SNMP card, Parallel kit, Maintenance bypass kit, 12A charger, Air filter	
Dimension (WxDxH)mm	190x605x705	190x605x705
Weight (kg)	56	60
Compliance	EN IEC 62040-1:2019, EN IEC 62040-2:2018, EN IEC 61000-3:2019	