

SHUYI UPS SOLUTIONS



SY - S Off-Line UPS



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COMPANY

PROFILE

- Shuyi digital power, based on the core technology of power electronics, integrates innovative digital technology, provides comprehensive solutions for data center, high-end power supply and clean energy, promotes the transformation and development of digitalization and low-carbon energy in government, finance, industry, communication, transportation, Internet and other industries.
- With over 10 years of development, we have exported our various kinds of products and solutions to 86 countries and have branches and offices in over fifty countries and regions. Our products and solution won a good reputation in quality and service

Mission

- Committed to innovation in digital energy technology and building a green and intelligent future

Vision

- Serve global customers and become a leading expert in digital Power infrastructure



- As the technology improves by leaps and bounds over the past decades, and AI technology start massive applications, that strongly demands data centers must make progress and breakthroughs in terms of scale, architecture, technology and management, must work more efficient, more reliable, more intelligent and much greener.

SHUYI

Hefei Shuyi Digital Power Co., Ltd.

Products and Solutions

- Data Center Solution : Micro Data center, Modular Data Center, Prefabricated Container Data Center.
Critical Power : PDU, UPS, DC Power System, Lead Acid Battery, Lithium battery
Thermal Management Solution : Room /In row precision air conditioner, Fluorine pump air conditioner, Liquid cooling, Free cooling
PV Energy Storage : PV, Inverter, Energy Storage System
- Shuyi attaches great importance to product innovation and research and development
Having industry-leading power electronics research and development centers, testing centers, and laboratories
- At present, we have established industry-leading electromagnetic compatibility laboratories, including Enthalpy difference laboratory, Environmental reliability laboratory, Noise laboratory, Vibration laboratory, Power laboratory, and IP protection laboratory. We passed the ISO9001 quality management system certification, ISO14001 environmental management system certification, and the products have passed CE ICE, UL certification.



SY-S Series 0.5kVA - 1kVA Off-Line UPS

Main Features

- CPU controlled
- Auto re-starts when AC recovers
- Silence setup
- Automatic charging (offline charging)
- Battery low voltage protection
- Overload & short circuit protection
- Wide input voltage range

Technical Parameter



Model	SYS525	SYS525A	SYS625	SYS1000
Capacity	500VA/300W	500VA/300W	600VA/360W	1000VA/500W
INPUT				
Input Voltage	110/120Vac or 220/230/240Vac			
Input Voltage Range	90-132Vac / 175-265Vac	85-150Vac / 145-290Vac		
Frequency Range	46~65 Hz			
OUTPUT				
Output Voltage	110/120Vac or 220/230/240vac			
Output Voltage Range	90-132Vac / 175-265Vac	102-132Vac / 200-255Vac		
Output Frequency	60 ± 0.5Hz or 50 ± 0.5Hz (Batt, mode)			
Output Wave Form	PWM (Batt, mode)			
Transfer Time	Typical 2-6ms, 10ms max			
BATTERY				
QTY.&Capacity Of Battery	12V/4.5AH * 1pc	12V/4.5AH * 1pc	12V/7AH * 1pc	12V/9AH * 1pc
Charging Period	4-6 hours recover to 90% capacity			
PROTECTION				
Full Protection	Low voltage & overload & short circuit protection			
PHYSICAL				
Unit Dimension (mm)	255*98*140		300*95*140	
Net Weight (kg)	3.5	3.6	4.3	4.8
ENVIRONMENT				
Environment Of Performance	Temperature 0°C ~ 40°C, Humidity 20% - 90%			
Noise Level	≤40dB(1m)			
MANAGEMENT				
LCD or LED, RJ45/11 & USB	Optional			

Product specifications are subject to change without notice.



SY-S Series 1.2kVA - 3kVA Off-Line UPS

Main Features

- CPU controlled
- Auto re-starts when AC recovers
- Silence setup
- Automatic charging (offline charging)
- Battery low voltage protection
- Overload & short circuit protection
- Wide input voltage range

Technical Parameter



Model	SYS1200	SYS1500	SYS2000	SYS3000
Capacity	1200VA/720W	1500VA/900W	2000VA/1200W	3000VA/1800W
INPUT				
Input Voltage	110/120Vac or 220/230/240Vac			
Input Voltage Range	85-150Vac / 145-290Vac	85-150Vac / 175-275Vac		
Frequency Range	45~65 Hz			
OUTPUT				
Output Voltage	110/120Vac or 220/230/240vac			
Output Voltage Range	102-132Vac / 200-255Vac	102-132Vac / 198-242Vac		
Output Frequency	60 ± 0.5Hz or 50 ± 0.5Hz (Auto sensing)			
Output Wave Form	PWM (Batt, mode)			
Transfer Time	Typical 2-6ms, 10ms max			
BATTERY				
QTY.&Capacity Of Battery	12V/7AH * 2pc	12V/9AH * 2pc	12V/9AH * 2pc	12V/9AH * 4pc
Charging Period	4-6 hours recover to 90% capacity			
PROTECTION				
Full Protection	Low voltage & overload & short circuit protection			
PHYSICAL				
Unit Dimension (mm)	330*122*192		345*122*192	412*145*210
Net Weight (kg)	9.5	11.5	14.7	20
ENVIRONMENT				
Environment Of Performance	Temperature 0°C ~ 40°C, Humidity 20% - 90%			
Noise Level	≤40dB(1m)			
MANAGEMENT				
LCD or LED, RJ45/11 & USB	Optional			

Product specifications are subject to change without notice.

SY-SR Series 0.6kVA - 5kVA Off-Line UPS

Main Features

- Double CPU controlled
- Silence function
- Pure sine wave output
- Compatible with generator
- Automatically transferred to battery mode when input over voltage or under voltage
- Output overload and short circuit protection



Technical Parameter

Model	SYSR600	SYSR1K	SYSR1.5K	SYSR2K	SYSR3K	SYSR5K	SYSR600L	SYSR1KL	SYSR1.5KL	SYSR2KL	SYSR3KL	SYSR5KL	
Capacity	600VA 360W	1000VA 800W	1500VA 1200W	2000VA 1600W	3000VA 2400W	5000VA 4000W	600VA 360W	1000VA 800W	1500VA 1200W	2000VA 1600W	3000VA 2400W	5000VA 4000W	
DISPLAY													
Indicator Panel	LCD display / LED display (Optional)												
AC MODE													
Output Voltage	145 - 275 Vac												
Output Frequency	45 - 65Hz												
Output Voltage	200 - 240 Vac												
INVERTER MODE													
Output Voltage	200V ± 5%												
Output Frequency	50 ± 0.5Hz												
Power Factor	0.6											0.8	
Output Wave Form	Pure Sine Wave												
Transfer Time	Typical 2-6ms, 10ms max												
Overload Capability	110% shut down within 60secs.						120% shut down within 5secs						
Overcurrent Protection	System shuts down automatically within 20ms												
BATTERY													
Battery Type	Sealed maintenance-free lead-acid batteries												
DC Voltage	DC12V	DC24V		DC48V			DC24V		DC48V				
QTY. & Capacity Of Battery	12V/7AH*1	12V/7AH*2	12V/9AH*2	12V/7AH*4	12V/9AH*4	12V1/7AH*4	External battery						
Charging Current	-----						5A / 10A (Adjustable)						
Charging Period	6-8 hours recover to 90% capacity						Depends on the batteries connected						
Battery Protection Point	Adjustable												
PHYSICAL													
Dimension (mm)	305*85*141	384*122*192		375*192*330			585*192*330	305*85*141	345*122*192		455*195*330		
Net Weight (kg)	4.5	9	12.1	22.5	24.5	30	3.8	6	8.1	17.3	20.6	26	
ENVIRONMENT													
Environment	Temperature 0°C ~ 40°C, Humidity 20% - 90%												
Noise Level	≤40dB(1m)												
Altitude	≤ 1000 m (Altitude exceeds 1000m, full power cannot reach)												
MANAGEMENT													
USB & RS232	Optional												

Product specifications are subject to change without notice.

SY-SR Series 1kVA - 5kVA Off-Line UPS

Main Features

- Pure sine wave output
- Double CPU controlled
- G-Sensor autorotation LCD display
- Extensible battery pack
- Powerful charging function(Self settable)



Technical Parameter

Model	SYSR1K/SYSR1KL	SYSR1.5K/SYSR1.5KL	SYSR2K/SYSR2KL	SYSR3K/SYSR3KL	SYSR5K/SYSR5KL					
Capacity	1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W	5000VA/4000W					
DISPLAY										
Indicator Panel	LCD display									
AC MODE										
Output Voltage	145 - 275 Vac									
Output Frequency	45 - 65Hz									
Output Voltage	200 - 240 Vac									
INVERTER MODE										
Output Voltage	200V ± 5%									
Output Frequency	50 ± 1% Hz / 60 ± 1% Hz (Auto sensing)									
Power Factor	0.8									
Output Wave Form	Pure Sine Wave									
Transfer Time	Typical 2-6ms, 10ms max									
Overload Capability	110% shut down within 60secs.			120% shut down within 5secs						
Overcurrent Protection	System shuts down automatically within 20ms									
BATTERY										
Battery Type	Sealed maintenance-free lead-acid batteries									
DC Voltage	DC 24V		DC 48V		DC 48V					
QTY. & Capacity Of Battery	12V/7AH*2	-----	12V/9AH*2	-----	12V/7AH*4	-----	12V/9AH*4	-----	12V/9AH*4	-----
External DC Voltage	-----	24VDC	-----	24VDC	-----	48VDC	-----	48VDC	-----	48VDC
Charging Current	Long back up time models;5A or 10A (Adjustable)									
Charging Period	Standard type models;6-8 hours recover to 90% capacity;Long backup time models;Depends on the batteries connected.									
PHYSICAL										
Dimension (mm)	441*445*88				441*445*132					
Net Weight (kg)	16.2	13.5	19.2	16	26.6	18.6	28.5	20.5	39	30.8
ENVIRONMENT										
Environment	Temperature 0°C ~ 40°C, Humidity 20% - 90%									
Noise Level	≤40dB(1m)									
Altitude	≤ 1000 m (Altitude exceeds 1000m, full power cannot reach)									
MANAGEMENT										
USB & RS232	Optional									
BATTERY PACK										
Battery pack	12V/7AH * 8		12V/9AH * 8		12V/9AH * 12					
Dimension(mm)	441*445*88				441*445*132					
Net Weight(kg)	24.5		27.4		42.6					

Product specifications are subject to change without notice.