

SOLTEC



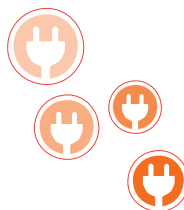
U-HR^{WD} Series 1-3kVA

True On-Line Double Conversion UPS

U-HR — Rack Mount + Tower Type (2-in-1)

Features

- Hot-swappable battery design
- User-friendly and easy-shift LCD display
- Full digital control technology
- Three level inverter technology
- High AC/AC efficiency up to 93.5%
- Low THDi: < 5%
- High input power factor up to 0.996
- High output power factor up to 1.0
- Automatic & Manual Bypass Switch
- Intelligent RS232+USB+EPO communication port
- Perfect LCD display panel (can set rack / tower mode)
- Programmable rear panel
- Full options for communication and monitoring
- Selectable output sockets
- SNMP or dry contact (Optional)
- External battery pack (Optional)
- Programmable power management outlet (Optional)
- ECO & EPO function



Applications :

- 19" rack device
- Computer room
- Data center
- Point-of-sale
- Router
- Hub and network device
- Commercial facility
- Precision instrument



* SPECIFICATIONS : True On-line High Frequency UPS

Appearance  MODEL  		U-HR Series		
		 U-HR1101S  U-HR1102S / U-HR1103S		
**U-HR	Rack mount Type 	1101S	1102S	1103S
Power Rating	kVA	1	2	3
	kW	0.9	1.8	2.7
INPUT				
Voltage (Vac)		120 - 295		
Frequency (Hz)		50 / 60 ± 10% (50 / 60Hz auto-sensing)		
Power Factor		> 0.99		
THDi		<5%		
OUTPUT				
Capacity(VA)		1000	2000	3000
AC/AC Efficiency Max		96%		
Power Factor		0.9 (1 optional)		
Voltage (Vac)		208 / 220 / 230 / 240 ± 1% (Settable)		
Frequency(Hz)		50 / 60 ± 0.2% (Battery mode)		
THDv		THD < 3% (linear load); THD < 5% (nonlinear load)		
ECO mode / EPO mode		YES		
Transfer Time		0		
Overload		101%~115% for 1 min, 116%~133% for 1 s, above 134% for 200ms		
BATTERY				
Type		Seal Lead Acid Maintenance Free		
Voltage(Vdc)		36	48	72
BATT Type		12V 7Ah x 3Pcs	12V 7Ah x 4Pcs	12V 7Ah x 6Pcs
OTHER				
Communication Interface		RS232+USB+EPO (DB9 dry contact and SNMP adapter are optional)		
Output outlet		4 x IEC320 C13	6 x IEC320 C13 + 1 x IEC320 C19	
Display LCD		Input voltage & frequency, output voltage & frequency, load percent, temperature, fault code, mains mode, bypass mode, battery mode, ECO mode, silence mode, ups failure		
Parameters or Working mode		ECO / INV mode, Tower / Rack display mode, output voltage 208/220/230/240Vac		
Alarm		Low battery, abnormal AC input, UPS failure, output overload		
Protection		Low battery, overload, short-circuit and over temperature, etc.		
Noise (dB)		< 50	<55	
Working Temperature		0 ~ 45°C		
Relative Humidity		0 ~ 95%, No Condensation		
Dimension (W×D×H) (mm)		438 x 420 x 87 (2U)	438 x 570 x 87 (2U)	
Weight (kg)		13.2	19.9	24.8

* Specifications are subject to change without prior notice.

** 110V, 120V systems are available and with some different parameters.

Spec. STD.06-10-21



Total Power Solutions