UNITI®

6 YE AR WARRANTY (UK only)

SPY10KiRTB Symphony

The Uniti Power Symphony 10kVA UPS series is engineered to support power loads of up to 10kVA/10kW with high power density and true online double conversion. Configurable as rackmount or tower, it offers reliable power protection and comes with futureproof connectivity that allows for seamless integration with the cloud.

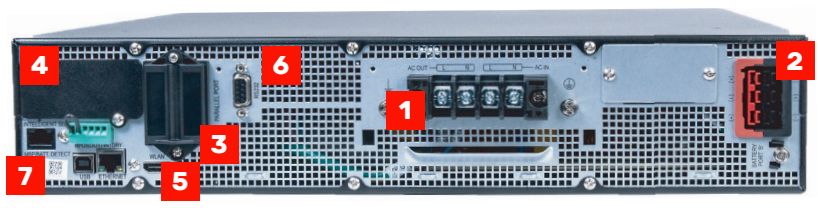


Key Features:

- 10kVA / 10kW
- Unity power factor
- Pure sine wave
- Online double conversion
- Small footprint
- High efficiency
- IoT monitoring software
- Easy setup and safe connection to the cloud
- Real-time UPS monitoring to enable business continuity and failure prevention

SPY10KiRTB

Power rating	VA/Watt	10000VA/10000W
Efficiency	Double conversion mode	95%
	ECO mode	98%
Input performance	Voltage range	160-275V 100% load, 110-160V derating to 50% load linearly
	Rated frequency	50Hz/60Hz
	Frequency range	40Hz-70Hz (45Hz-55Hz 54Hz-66Hz @ load>60%)
	PF	>0.995
	THDI	<3% linear load, <5% non linear load
Input connection		L/N/PE hardware terminal connection
Output performance	Rated voltage	220/230/240V
	Rated frequency	50Hz/60Hz
	Maximum PF	1
	Voltage accuracy	±1%
	THDv	<1% linear load, <5% non linear load
	Transfer time	0ms (10ms @ ECO->Inverter)
	Crest Ratio	Max 3:1
	Overload (line mode)	"100% <load ≤105% continuous. 105% < load ≤125% for 10 minutes. 125 <load ≤150% for 30 seconds. >150% for 500ms"
Output connection	Wiring/socket	L/N/PE hardware terminal connection
	Load segment control	Optional
Battery	Voltage	240VDC
	Capacity (AH)	20x12V/9Ah
	Backup time typical value by default battery capacity, PF=1	"3.8min 100% load, 9.3min 50% load"
Max external battery modules		6
Charger	Charging current	2A (0-4A adjustable)
	Recharging time	3h to 90%
Other working mode	CVCF	Yes (derating to 60% load)
	Parallel	Optional (up to 3)
"HMI (human-machine interface)"	Display	Dot matrix LCD, rotatable manually
	Language	10 Languages
	USB	USB 2.0 with HID
	RS232	Yes (DB9)
	Dry in/out	1 programmable dry in; 1 programmable dry out
	EPO	Yes
	Intelligent slot	Yes (for long card)
	Network card	Optional, NMC Long Card
	Modbus card	Optional, CMC/Modbus Long Card
	Dry contactor card	Optional, AS400 Long Card
	WLAN module	Optional, HDMI type
	Ethernet port for IOT	RJ45
	Monitor software	Winpower G2
Physical performance	Dimension (WxDxH) mm	5U height including 438x573x86.2 (power module, 2U), 438x593x129 (battery, 3U)
	IP protection level	IP20
Environment	Operating temperature	0-50°C (power derating to 50% @40-50°C
	Nominal Battery Temperature	20-25°C
	Relative Humidity	0-95%
	Operating Altitude	0-3000m (the load derating 1 % every up 100m @1000-3000m)
	Acoustic Noise	<50dB @ typical load with battery fully charged
Certification		CE,IEC/EN 62040
EMI	Conduction/Radiation	C3
EMS	ESD	IEC/EN 61000-4-2
	RS232	IEC/EN 61000-4-3
	EFT	IEC/EN 61000-4-4
	Surge	IEC/EN 61000-4-5
Accessory	Input power cable	N/A
	Output power cable	N/A
	EBM cable	Yes (in EBM)
	USB cable	Yes
	RS232 cable	Optional
	Rail kit	Optional
	Tower feet	Yes
	Rack ear	Yes
	Manual	Yes



1. Input/output terminals
2. Battery port
3. Parallel port
4. Intelligent slot
5. WLAN, USB, RJ45, dry in/out
6. RS232
7. IoT monitoring QR code



Contact Us

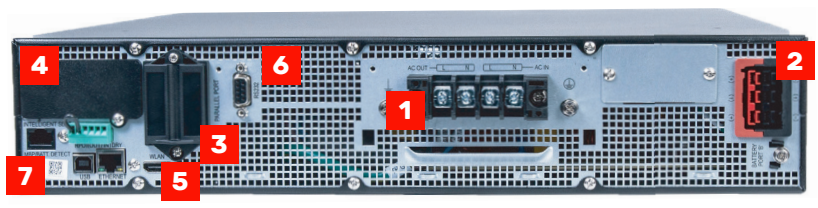
We're always happy to help. Contact us via email or telephone on the information below.

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