

# UNITI<sup>®</sup>

## Symphony Range

Uninterrupted Power. Ultimate Performance.



### Reliable Power Protection for Professional Environments

The Uniti Power Symphony UPS range delivers true online double-conversion protection, ensuring continuous, clean, and efficient power for mission-critical applications.

[www.unitipower.com](http://www.unitipower.com)

## Power Protection Without Compromise

**When downtime isn't an option, the Uniti Power Symphony UPS range provides the performance and reliability your business demands.**

Engineered with advanced online double-conversion technology, Symphony delivers continuous, clean sine wave power – protecting critical systems from surges, sags, and interruptions.

Ideal for data centres, IT networks, healthcare, telecommunications, and industrial applications, Symphony ensures operational continuity and data integrity when it matters most.

### Key Features Overview:

- ◆ 1.5kVA to 10kVA rack/tower models
- ◆ Unity power factor (1.0)
- ◆ Up to 98% efficiency in ECO mode
- ◆ Hot-swappable batteries
- ◆ Parallel operation capability
- ◆ Cloud-connected monitoring
- ◆ Compact, versatile 2U / 5U designs
- ◆ 6-year warranty

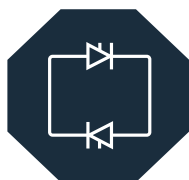
## True Online Double-Conversion Technology

The Symphony UPS series uses true online double-conversion to provide the highest level of power protection available. Incoming AC power is converted to DC, then back to AC – completely isolating connected equipment from irregularities in the mains supply.

This ensures a **pure, stable output** regardless of surges, spikes, or brownouts, making Symphony ideal for sensitive electronics such as servers, networking, medical and control systems.



**Clean, stable sine wave output** for mission-critical reliability



**Automatic bypass** ensures continuous operation during overloads or maintenance



**Unity power factor** - delivers 100% of rated capacity for improved energy efficiency



**Smart charging technology** extends battery life and ensures optimal runtime

## Designed for Modern Power Environments

Symphony adapts seamlessly to today's connected world. From server racks to factory floors, its compact design and robust performance make it the perfect fit for:

|                                                                                     |                                                                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|    | <b>Data Centres &amp; IT Networks</b><br>Ensures uptime and protects against costly outages.                            |
|    | <b>Healthcare &amp; Laboratories</b><br>Provides clean, stable power to safeguard critical medical equipment.           |
|    | <b>Telecommunications &amp; Networking</b><br>Delivers continuous, regulated power for reliable communication systems.  |
|    | <b>Industrial &amp; Manufacturing</b><br>Withstands harsh electrical environments and keeps automation systems running. |
|  | <b>Enterprise &amp; Edge Computing</b><br>Supports distributed infrastructure with intelligent, centralised management. |

Symphony delivers not just backup power – but total operational assurance.

## Confidence Backed by Industry-Leading Support

The Symphony UPS range is built for reliability and backed by one of the best warranties in the industry.

- ◆ **6-year warranty** on electronic components
- ◆ **2-year warranty** on internal batteries and accessories
- ◆ **UK-based technical support** for rapid response
- ◆ **Optional service contracts** for proactive maintenance and health checks
- ◆ **Fast turnaround** on repairs and replacements

With dedicated UK stock and a responsive support network, Uniti Power ensures your systems remain protected with minimal disruption.

# UNITI<sup>®</sup> Symphony Range

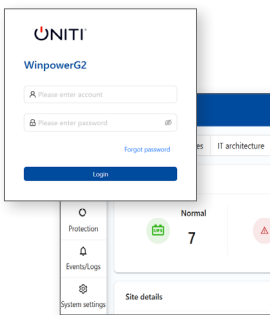
## Smart Power. Fully Connected.

Power protection meets intelligence with the new **UPNETG2 network management card**, integrated seamlessly with **Winpower G2** and **SPS G2 software**. Together, they form a powerful, future-proof ecosystem for real-time monitoring and automated response.



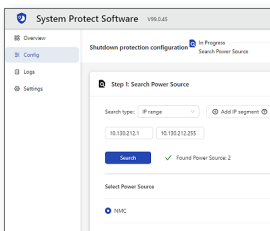
### UPNETG2 - Network Management Redefined

- ◆ Gigabit-speed performance and secure web interface
- ◆ SNMP v1/v3, Modbus TCP, and MQTT protocol support
- ◆ REST API integration for third-party systems
- ◆ Role-based access control and encrypted firmware
- ◆ Environmental monitoring via temperature and humidity sensors



### Winpower G2 - Centralised UPS Management

- ◆ Browser-based dashboard for all UPS systems
- ◆ Auto discovery and real-time performance data
- ◆ Remote shutdown for physical and virtual systems
- ◆ Custom event logging and compliance reports



### SPS G2 – Intelligent Local Protection

- ◆ Endpoint software ensuring graceful server shutdown
- ◆ Scripted protection routines and system event triggers
- ◆ Cross-platform compatibility (Windows, Linux, macOS)

**Together, the UPNETG2, Winpower G2, and SPS G2 suite deliver secure, scalable, and intelligent control across your entire UPS network, from data centre to edge.**

## UPS Accessories

Optional accessories enhance monitoring, scalability, and runtime across the Uniti Power Symphony UPS range.

|                                 |                                                                                                                                                                                   |                                                                                                                                                                                   |                                                                                                                                                                                         |                                                                                                                                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Management & Monitoring         | <b>UPNETG2 – Gigabit Network Management Card</b><br>Enables secure, real-time UPS monitoring and control via Ethernet. Supports SNMP, Modbus TCP, MQTT, and REST API integration. | <b>SPYEMP – Environmental Monitoring Probe</b><br>Works with the UPNETG2 card to monitor ambient temperature and humidity, with alerts displayed via network management software. | <b>SPYREL – Volt-Free Relay Card</b><br>Provides configurable dry contact outputs to communicate UPS status, alarms, and bypass events to external systems such as BMS or alarm panels. | <b>SPYPK – Parallel Card for 6 kVA / 10 kVA models</b><br>Enables parallel operation of up to three Symphony UPS units for capacity expansion or N+1 redundancy in mission-critical applications. |
|                                 |                                                                                                                                                                                   |                                                                                                                                                                                   |                                                                                                                                                                                         |                                                                                                                                                                                                   |
| Mounting Accessories            | <b>SPYRAIL1-3 – 19” Rail Kit for 1.5 / 3 kVA models</b><br>Adjustable 19-inch mounting rails for secure and flexible rack installation.                                           |                                                                                                                                                                                   | <b>SPYRAIL6-10 – 19” Rail Kit for 6 / 10 kVA models</b><br>Heavy-duty mounting rails designed for larger 5U Symphony UPS systems.                                                       |                                                                                                                                                                                                   |
|                                 |                                                                                                                                                                                   |                                                                                                                                                                                   |                                                                                                                                                                                         |                                                                                                                                                                                                   |
| External Battery Modules (EBMs) | Extend runtime during prolonged outages with hot-swappable, rack/tower-compatible external battery packs.                                                                         |                                                                                                                                                                                   |                                                                                                                                                                                         |                                                                                                                                                                                                   |
|                                 | <b>EBM3618RT2U – 36 V 1.5 kVA Rack/Tower Battery Pack (2U)</b><br>EBM for SPY1500RMi2U                                                                                            | <b>EBM7218RT2U – 72 V 3 kVA Rack/Tower Battery Pack (2U)</b><br>EBM for SPY3000RMi2U                                                                                              | <b>EBM2409RT3U – 240 V 6 kVA / 10 kVA Rack/Tower Battery Pack (3U)</b><br>EBM for SPY6KiRTB & SPY10KiRTB                                                                                |                                                                                                                                                                                                   |
| Replacement Battery Kits        | Maintain performance and reliability with genuine Uniti Power replacement battery kits.                                                                                           |                                                                                                                                                                                   |                                                                                                                                                                                         |                                                                                                                                                                                                   |
|                                 | <b>EBM3618RT2U – 36 V 1.5 kVA Rack/Tower Battery Pack (2U)</b><br>EBM for SPY1500RMi2U                                                                                            | <b>EBM7218RT2U – 72 V 3 kVA Rack/Tower Battery Pack (2U)</b><br>EBM for SPY3000RMi2U                                                                                              | <b>EBM2409RT3U – 240 V 6 kVA / 10 kVA Rack/Tower Battery Pack (3U)</b><br>EBM for SPY6KiRTB & SPY10KiRTB                                                                                |                                                                                                                                                                                                   |

All accessories are designed for seamless integration with the Uniti Power Symphony UPS range, delivering reliable, scalable, and intelligent power management.

# **Symphony Range**

## Versatile Performance for Every Environment

The Uniti Power Symphony range offers flexible configurations from 1500VA to 10kVA, with rack/tower convertible designs to suit any installation.



| Model        | Capacity         | Form Factor       | Power Factor | Efficiency      | Parallel Operation |
|--------------|------------------|-------------------|--------------|-----------------|--------------------|
| SPY1500RMi2U | 1500VA / 1500W   | 2U Rack/<br>Tower | 1.0          | Up to 97% (ECO) | No                 |
| SPY3000RMi2U | 3000VA / 3000W   | 2U Rack/<br>Tower | 1.0          | Up to 97% (ECO) | No                 |
| SPY6KiRTB    | 6000VA / 6000W   | 5U Rack/<br>Tower | 1.0          | Up to 98% (ECO) | Yes<br>(up to 3)   |
| SPY10KiRTB   | 10000VA / 10000W | 5U Rack/<br>Tower | 1.0          | Up to 98% (ECO) | Yes<br>(up to 3)   |

## Symphony UPS Range Runtime

| UPS            | SPY1500RMi2U |       | SPY3000RMi2U |       | SPY6KiRTB |       | SPY10KiRTB |        |
|----------------|--------------|-------|--------------|-------|-----------|-------|------------|--------|
| Half/Full Load | 750W         | 1500W | 1500W        | 3000W | 3000W     | 6000W | 5000W      | 10000W |
| Internal       | 8.7          | 3.3   | 9.1          | 3.5   | 19.2      | 7.9   | 9.3        | 3.8    |
| (1) EBM        | 37.0         | 15.3  | 38.8         | 16.0  | 46        | 18.9  | 22.6       | 9.2    |
| (2) EBM        | 72.5         | 30.1  | 75.9         | 31.4  | 76.7      | 31.5  | 38.1       | 15.5   |
| (3) EBM        | 109.7        | 46.5  | 114.7        | 48.4  | 110.1     | 45.2  | 55.0       | 22.4   |
| (4) EBM        | 148.4        | 64.8  | 155.0        | 67.4  | 145.7     | 59.9  | 73.2       | 29.8   |
| (5) EBM        | -            | -     | -            | -     | 183.3     | 75.3  | 92.5       | 37.6   |

| Model                           |                                                             | SPY1500RMi2U                                                                                                     | SPY3000RMi2U                                                                               |
|---------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Power rating                    | VA/Watt                                                     | 1500VA/1500W                                                                                                     | 3000VA/3000W                                                                               |
| Efficiency                      | Double conversion mode                                      | 85%                                                                                                              | 93%                                                                                        |
|                                 | ECO mode                                                    | 97%                                                                                                              |                                                                                            |
| Input performance               | Voltage range                                               | 160-300V 100% load, 110-160V derating to 50% load linearly                                                       |                                                                                            |
|                                 | Rated frequency                                             | 50Hz/60Hz                                                                                                        |                                                                                            |
|                                 | Frequency range                                             | 40Hz-70Hz (45Hz-55Hz 54Hz-66Hz @ load>60%)                                                                       |                                                                                            |
|                                 | PF                                                          | >0.99                                                                                                            |                                                                                            |
| Input connection                | THDI                                                        | <5%                                                                                                              |                                                                                            |
|                                 |                                                             | IEC C14                                                                                                          | IEC C20                                                                                    |
| Output performance              | Rated voltage                                               | 200/208/220/230/240VAC (derating 10% at 208V, derating 20% at 200V)                                              |                                                                                            |
|                                 | Rated frequency                                             | 50Hz/60Hz                                                                                                        |                                                                                            |
|                                 | Maximum PF                                                  | 1                                                                                                                |                                                                                            |
|                                 | Voltage accuracy                                            | ±1%                                                                                                              |                                                                                            |
|                                 | THDv                                                        | <1% linear load, <5% non linear load                                                                             |                                                                                            |
|                                 | Transfer time                                               | 0ms (4ms @ line <-> bypass; 10ms @ ECO <-> Inverter)                                                             |                                                                                            |
|                                 | Crest Ratio                                                 | Max 3:1                                                                                                          |                                                                                            |
| Output connection               | Overload (line mode)                                        | 100% <load ≤105% continuous. 105% < load ≤125% for 3 minutes.<br>125 <load ≤150% for 30 seconds. >150% for 500ms |                                                                                            |
|                                 | Wiring/socket                                               | 1 main outlet group (with 4 x IEC C13) + 1 programmable outlet group (with 4 x IEC C13)                          | 1 main outlet group (1 x IEC C19 + 4 x IEC C13) + 1 programmable outlet group (4 x IEC C1) |
| Battery                         | Load segment control                                        | Yes                                                                                                              |                                                                                            |
|                                 | Voltage                                                     | 36VDC                                                                                                            | 72VDC                                                                                      |
|                                 | Capacity (AH)                                               | 3 x 12V/9Ah                                                                                                      | 6 x 12V/9Ah                                                                                |
|                                 | Backup time typical value by default battery capacity, PF=1 | "3.3min 100% load, 8.7min 50% load"                                                                              | "3.5min 100% load, 9.1min 50% load"                                                        |
| Max external battery modules    |                                                             | 4                                                                                                                |                                                                                            |
| Charger                         | Charging current                                            | 1.5A                                                                                                             |                                                                                            |
|                                 | Recharging time                                             | 3h to 90%                                                                                                        |                                                                                            |
| Other working mode              | CVCF                                                        | Yes (derating to 60% load)                                                                                       |                                                                                            |
|                                 | Parallel                                                    | No                                                                                                               |                                                                                            |
| "HMI (human-machine interface)" | Display                                                     | Dot matrix LCD, rotatable manually (optional segment LCD)                                                        |                                                                                            |
|                                 | 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                                                                                                             |                                                                                            |
| Physical performance            | Monitor software                                            | Winpower G2                                                                                                      |                                                                                            |
|                                 | Dimension (WxDxH) mm                                        | 438x445x86.5 (2U)                                                                                                | 438x605x86.5 (2U)                                                                          |
| Environment                     | IP protection level                                         | IP20                                                                                                             |                                                                                            |
|                                 | Operating temperature                                       | 0-40°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                                              | <45dB @ typical load with battery fully charged                                                                  | <50dB @ typical load with battery fully charged                                            |
| Certification                   |                                                             | CE, IEC/EN 62040                                                                                                 |                                                                                            |
| EMI                             | Conduction/Radiation                                        | C2                                                                                                               |                                                                                            |
| 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                                           | Yes                                                                                                              | No                                                                                         |
|                                 | Output power cable                                          | Yes, 1 x 10A                                                                                                     |                                                                                            |
|                                 | EBM cable                                                   | Yes (in EBM)                                                                                                     |                                                                                            |
|                                 | USB cable                                                   | Yes                                                                                                              |                                                                                            |
|                                 | RS232 cable                                                 | Optional                                                                                                         |                                                                                            |
|                                 | Rail kit                                                    | Optional                                                                                                         |                                                                                            |
|                                 | Tower feet                                                  | Yes                                                                                                              |                                                                                            |
|                                 | Rack ear                                                    | Yes                                                                                                              |                                                                                            |
| Manual                          |                                                             | Yes                                                                                                              |                                                                                            |

| Model                              |                                                             | SPY6KiRTB                                                                                                        | SPY10KiRTB                          |
|------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Power rating                       | VA/Watt                                                     | 6000VA/6000W                                                                                                     | 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 | "7.9min 100% load, 19.2min 50% load"                                                                             | "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<br>(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                                                                                                              |                                     |



**Power. Protected. Uniti Power.**

From edge computing to enterprise-grade infrastructure, Uniti Power delivers dependable, intelligent, and efficient UPS solutions designed for today's connected world.