

# DELPHYS BC

Reliable, simple and ready-to-use power protection  
from 200 to 300 kVA

Prime



## The solution for

- > Server rooms
- > Service sector
- > Infrastructure
- > Healthcare sector
- > Light industrial applications

## Certifications and attestations



## Our dedicated Expert Services for UPS

We offer services to ensure your UPS highest availability:

- > Commissioning
- > On-site intervention
- > Preventive maintenance visits
- > 24-hour call out and rapid on-site repairs
- > Maintenance packages
- > Training



[www.socomec.com/services](http://www.socomec.com/services)

## A complete, cost-effective solution

- Online double conversion mode with an output power factor of 0.9 providing 12% more active power compare to UPS with a power factor of 0.8.
- Dual input mains allows you to manage independent power sources.
- Increased system availability placing two UPS in parallel for 1+1 redundancy.
- Internal manual bypass for easy maintenance without power interruption (1+1 configuration).
- Multilanguage display.

## Tailored to your environment

- Saves space with a reduced footprint and optimized cabinet size.
- Low noise level.
- Compact, lightweight and easy to install.
- No neutral required on rectifier input.
- Two-wire battery connection (only +/-).
- Extended battery life and performance with exclusive EBS battery charging management for increased battery life.

## Standard electrical features

- Dual input mains.
- Integrated maintenance bypass.
- Backfeed protection: detection circuit.
- EBS (Expert Battery System) for battery management.

## Electrical options

- External battery cabinet.
- External temperature sensor.
- Additional battery chargers.
- Shared battery.
- Galvanic isolation transformer.
- Parallel kit.
- ACS synchronization system.

## Standard communication features

- User-friendly 7" touch-screen multilingual colour graphic display.
- 2 slots for communication options.
- USB port to download UPS report and log file.

## Communication options

- Dry-contact interface. (configurable voltage-free contacts).
- MODBUS RTU RS485 or MODBUS TCP.
- PROFIBUS / PROFINET gateway.
- BACnet/IP interface.
- NET VISION: professional WEB/SNMP Ethernet interface for secure UPS monitoring and remote automatic shutdown.
- REMOTE VIEW PRO supervision software.
- IoT gateway for Socomec cloud services and SoLive UPS mobile app.
- Remote touch-screen panel.
- Additional Com-slot extension.

## Remote monitoring and cloud services

- SoLink: Socomec 24/7 remote monitoring service connecting your installation to the nearest Socomec Service Centre.
- SoLive UPS: mobile app enabling the monitoring of the UPS systems from a smartphone.

## Technical data

		<i>DELPHYS BC</i>	
Sn [kVA]	200	300	
Pn [kW]	180	270	
Parallel configuration	up to 6 units		
<b>INPUT</b>			
Rated voltage	400 V 3ph		
Voltage tolerance	240 V to 480 V <sup>(1)</sup>		
Rated frequency	50/60 Hz ± 10 %		
Power factor / THDI	0.99 / < 3 %		
<b>OUTPUT</b>			
Rated voltage	400 V		
Voltage tolerance	static load ± 1 % dynamic load in accordance with VFI-SS-111		
Rated frequency	50/60 Hz		
Frequency tolerance	± 2 % (configurable from 1 % to 8 %)		
Crest factor	3:1		
<b>BYPASS</b>			
Rated voltage	rated output voltage		
Voltage tolerance	± 15 % (configurable with from 10 % to 20 %)		
Rated frequency	50/60 Hz		
Frequency tolerance	± 2 % (configurable for Genset compatibility)		
<b>EFFICIENCY</b>			
Online mode @ 100 % of load	up to 95 %		
<b>ENVIRONMENT</b>			
Operating ambient temperature	from 0 °C up to +40 <sup>23</sup> °C (from 15 °C to 25 °C for maximum battery life)		
Relative humidity	0 % - 95 % without condensation		
Maximum altitude	1000 m without derating (max. 3000 m)		
Acoustic level at 1 m (ISO 3746)	< 68 dBA	< 71 dBA	
<b>UPS CABINET</b>			
Dimensions W x D x H	700 x 800 x 1930 mm	1000 x 950 x 1930 mm	
Weight	500 kg	830 kg	
Degree of protection	IP20		
Colours	RAL 7012, silver grey frontal door		
<b>STANDARDS</b>			
Safety	IEC/EN 62040-1, AS 62040.1.1, AS 62040.1.2		
EMC	IEC/EN 62040-2, AS 62040.2		
Performance	IEC/EN 62040-3, AS 62040.3		
Product declaration	CE, RCM (E2376), UKCA		

(1) Conditions apply.