

Product datasheet

Specifications



APC Back-UPS 650VA, 230V, 1 USB charging port

BE650G2-GR

Price: 3,311.82 ZAR

Overview

Lead time Usually in Stock

Main

Main Input Voltage 230 V AC 1 phase

Input Connection Type Schuko CEE 7/7P

Maximum input current 6 A

Switching current capacity 10 A

Input voltage limits 180...266 V

Network frequency 47...63 Hz

Output voltage 230 V AC 1 phase

Output voltage 220 V

Rated power in W 400 W

rated power in VA 650 VA

Output connection type 6 Schuko CEE 7
2 Schuko CEE 7 surge

USB Charging Port USB type A

Maximum configurable power in VA 650 VA

Maximum configurable power in W 400 W

Transfer time 6 ms typical : 10 ms maximum

UPS type Standby

Wave type Stepped approximation to a sinewave

Efficiency 80 % (full load)

Output frequency 47...63 Hz sync to mains
50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery type Lead-acid battery

Battery voltage 12 V

Extended runtime 0

Battery capacity 7.0 Ah

Number of battery filled slots 0

Number of battery free slots 0

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Number of battery replacement quantity	1
Battery life	2...5 year(s)
Battery charger power	7 W rated
Battery type	Lead-acid internal included
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	USB port
Surge energy rate	310 J
Cable length	1.8 m
Colour	Black
Height	120 mm
Width	130 mm
Depth	365 mm
Net weight	4 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Wall mount
Provided equipment	User manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Back-UPS
Product or component type	Uninterruptible power supply (UPS)
Number of tare power	1 W
Graph start point	40
Curve equation	Efficiency
Curve fixed loss	0.0085
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0.0000
Curve square loss	0.0017
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 230V/50Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %

Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	C
Liquid value	0
Battery power in VAH	75 VAh runtime
UPS size	WS

Environment

Product certifications	CE EAC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C
Storage altitude	0...4572 m
Relative humidity	0...90 %
Storage Relative Humidity	0...95 %
Acoustic level	45 dBA
Operating altitude	0...3000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19 cm
Package 1 Width	44.1 cm
Package 1 Length	18.6 cm
Package 1 Weight	4.5 kg
SCC14	10731304347214

Contractual warranty

Warranty (in months)	24
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 160

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 019b51cf-d7f1-4f06-ac85-1378fc94c7aa

REACH Regulation [REACH Declaration](#)

Energy efficiency

Energy Efficiency Optimized Energy efficient product

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative



