

Yuasa Technical Data Sheet



Yuasa SW280 Industrial VRLA Battery

Specifications

Nominal voltage (V)	12
10m rate Constant Power (Typ) to 9.6V at 20°C (W/Block)	280
10m rate Constant Power (Typ) to 1.6V/cell at 20°C (W/Cell)	46.7

Dimensions

Length (mm)	151 (±1)
Width (mm)	65 (±1)
Height over terminals (mm)	97.5 (±2)
Mass (kg)	2.6

Terminal Type

FASTON - Quickfit / release (JST where stated)	6.35
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Operating Temperature Range

Storage (in fully charged condition)	-20°C to +60°C
Charge	-15°C to +50°C
Discharge	-20°C to +60°C

Storage

Capacity loss per month at 20°C (% approx.)	3
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Case Material

Standard	ABS (UL94:HB)
FR version available	UL94:V0

Charge Voltage

Float charge voltage at 20°C (V)/Block	13.65 (±1%)
Float charge voltage at 20°C (V)/Cell	2.275 (±1%)
Float Chg voltage tmp correction factor from std 20°C (mV)	-3
Cyclic (or Boost) charge Voltage at 20°C (V)/Block	14.5 (±3%)
Cyclic (or Boost) charge Voltage at 20°C (V)/Cell	2.42 (±3%)
Cyclic Chg voltage tmp correction factor from std 20°C (mV)	-4

Charge Current

Float charge current limit (A)	No limit
Cyclic (or Boost) charge current limit (A)	1.75

Maximum Discharge Current

1 second (A)	150
1 minute (A)	50

Impedance

Measured at 1 kHz (mΩ)	14
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Design Life & Approvals

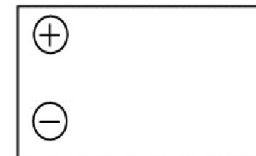
EUROBAT Classification: General Purpose	6 to 9 years
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Layout



3rd Party Certifications

ISO9001 - Quality Management Systems
ISO14001 - Environmental Management Systems
ISO45001 OHSAS Management Systems
UNDERWRITERS LABORATORIES Inc.



Safety

Installation

Can be installed and operated in any orientation except permanently inverted.

Handles

Batteries must not be suspended by their handles (where fitted).

Vent valves

Each cell is fitted with a low pressure release valve to allow gasses to escape and then reseal.

Gas release

VRLA batteries release hydrogen gas which can form explosive mixtures in the air. Do not place inside a sealed container.

Recycling

YUASA's VRLA batteries must be recycled at the end of life in accordance with local and national laws and regulations.





Product data sheet

Specifications

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APC Replacement Battery Cartridge for Smart-UPS Line Interactive, 12V 17Ah lead-acid battery, 2-year repair or replace warranty

RBC55

Product availability: Stock - Normally stocked in distribution facility

Overview

Lead time Usually in Stock

Main

Product or Component Type Replacement battery cartridge

Number of cables 1

Battery Type Lead-Acid battery

Provided Equipment All required connectors
Battery recycling guide
Reusable packaging
Installation guide

Range of Product Replacement Battery Cartridges

Batteries & Runtime

Battery Slots Empty 0

Included Battery Modules 0

RBC Quantity 2

Physical

Color Black

Height 6.81 in (17.3 cm)

Width 5.59 in (14.2 cm)

Depth 7.20 in (18.3 cm)

Product Weight 53.51 lb(US) (24.27 kg)

Mounting Mode Not rack-mountable

USB compatible No

Environmental

Ambient air temperature for operation 32...104 °F (0...40 °C)

Operating altitude 0...10000 ft

Relative Humidity 0...95 %

Ambient Air Temperature for Storage 5...113 °F (-15...45 °C)

Storage altitude 0...50000 ft (0.0000000000...15240.0000000000 m)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Storage Relative Humidity	0...95 %
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Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
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Discount Schedule	APC1
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GTIN	731304233510
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Returnability	No
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	10.91 in (27.7 cm)
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Package 1 Width	11.61 in (29.5 cm)
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Package 1 Length	21.18 in (53.8 cm)
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Package 1 Weight	58.82 lb(US) (26.68 kg)
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Contractual warranty

Warranty	2 years repair or replace
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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

Carbon footprint (kg CO2 eq, Total Life cycle) 87

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

China RoHS Regulation [China RoHS declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back Yes

Product data sheet

Specifications

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MOLDOVA EUROPEANĂ



APC Replacement Battery Cartridge, VRLA battery, 11Ah, 12VDC, 2-year warranty

RBC6

Product availability: Stock - Normally stocked in distribution facility

Overview

Lead time Usually in Stock

Main

Product or Component Type Replacement battery cartridge

Number of cables 1

Battery Type Lead-Acid battery

Provided Equipment
All required connectors
Battery recycling guide
Reusable packaging
Installation guide

Range of Product Replacement Battery Cartridges

Batteries & Runtime

Battery Slots Empty 0

Included Battery Modules 0

RBC Quantity 1

Physical

Color Black

Height 3.70 in (9.4 cm)

Width 5.98 in (15.2 cm)

Depth 7.72 in (19.6 cm)

Product Weight 16.93 lb(US) (7.68 kg)

Mounting Mode Not rack-mountable

USB compatible No

Environmental

Ambient air temperature for operation 32...104 °F (0...40 °C)

Operating altitude 0...10000 ft

Relative Humidity 0...95 %

Ambient Air Temperature for Storage 5...113 °F (-15...45 °C)

Storage altitude 0...50000 ft (0.0000000000...15240.0000000000 m)

Storage Relative Humidity 0...95 %

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Ordering and shipping details

Category	11309-APC RESALE PRODUCTS
Discount Schedule	APC1
GTIN	731304003281
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.89 in (17.5 cm)
Package 1 Width	10.20 in (25.9 cm)
Package 1 Length	11.89 in (30.2 cm)
Package 1 Weight	18.63 lb(US) (8.45 kg)

Contractual warranty

Warranty	2 years repair or replace
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[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 27

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

California proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back Yes

Product datasheet

Specifications



APC Easy UPS On-Line, 3kVA/ 2700W, Tower, 230V, 6x IEC C13 + 1x IEC C19 outlets, Intelligent Card Slot, LCD

SRV3KI-E

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Overview


Presentation	High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	2700 W
Rated power in VA	3000 VA
Input Connection Type	IEC 60320 C20
output connection type	6 IEC 60320 C13 1 IEC 60320 C19
Cable length	1.5 m
Number of cables	1
Provided equipment	1 IEC 60320 C19 to Schuko power cable 1 IEC 60320 C13 to C14 power cable 1 USB cable 1 RS-232 configuration cable user manual
Range of product	Easy UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Battery voltage	72 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 h

Battery life	3...5 year(s)
Replacement battery	APCRBCV205 
Battery charger power	60 W rated

General

Max runtime	3 min
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Physical

Colour	Black (RAL 7010)
Height	33.6 cm
Width	19 cm
Depth	42.5 cm
Product weight	26.0 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	Yes
Mounting position	Vertical

Input

Input voltage limits	110...285 V 40% load 180...285 V full load
Network frequency	40...70 Hz auto sensing

Output

Maximum configurable power in VA	3000 VA
Maximum configurable power in W	2700 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Harmonic distortion	3 %
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	88 % (full load)
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1

Conformance

Product certifications	CE UKCA TISI
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-20...50 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
Acoustic level	50 dBA
Heat dissipation	1024 Btu/h
IP degree of protection	IP20

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Free slots	1
control panel	Multifunction LCD status and control console

Surge Protection and Filtering

Surge energy rate	945 J
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.5 cm
Package 1 Width	56.5 cm
Package 1 Length	32.5 cm
Package 1 Weight	28 kg

Contractual warranty

Warranty	2 years repair or replace
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Environmental Data

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[Environmental Data explained >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

China RoHS Regulation

[China RoHS declaration](#)

Use Again

Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

Removable battery

User replaceable

WEEE

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

Take-back

No

Product datasheet

Specifications



APC Easy UPS, 1200VA, Tower, 230V, 4x CEE 7/3 Schuko Outlets, AVR

BVX1200LI-GR

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Overview

Lead time Usually in Stock

Main

Main Input Voltage	230 V AC 1 phase
Main Output Voltage	230 V AC 1 phase
Rated power in W	650 W
Rated power in VA	1200 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	Schuko
output connection type	4 Schuko
Cable length	1.2 m
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	User manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Battery voltage	12 V
Battery capacity	9.0 Ah
Battery life	2...3 year(s)
Replacement battery	APCRBC175
Extended runtime	0

General

Max runtime	120 min
Number of power module free slots	0
Number of power module filled slots	0

Redundant	No
UPS size	WS

Physical

Colour	Black
Height	19 cm
Width	14 cm
Depth	39 cm
Product weight	7.5 kg
Mounting support	Floor
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Input voltage limits	140...300 V 230 V AC
Cos phi	0.54

Output

Maximum configurable power in W	650 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Full load runtime	00:01:00 650 W
Graph display	1
Half load runtime	00:05:00 300 W
Maximum configurable power in VA	1200 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	CE CB
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Equipment protection policy	Lifetime : 50000 euros

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3000 m

Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...3000 m
Acoustic level	40 dBA
IP degree of protection	IP20

Surge Protection and Filtering

Surge energy rate	273 J
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.7 cm
Package 1 Width	49.5 cm
Package 1 Length	23.5 cm
Package 1 Weight	8.5 kg
SCC14	10731304404603

Contractual warranty

Warranty	2 years repair or replace
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[Environmental Data explained >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

SCIP Number

Ef3b165e-8e1d-4ef1-89c3-03b78b282225

China RoHS Regulation

[China RoHS declaration](#)

Use Again

Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Removable battery

User replaceable

Take-back

No