

Product datasheet

Specifications



Galaxy PW 2nd Gen 20kVA 3:1 UPS 220VAC 6 pulse 384VDC, Start-up 5x8

EPWUPS20KU6PS

Price: 215,280.00 ZAR

Overview

Presentation Transformer-based 20 kVA 3-phase input, single-phase output UPS with 6-pulse SCR technology and a 384 VDC internal DC bus. Ideal for industrial applications, this UPS includes 5x8 start-up service.

Lead time Special Order - Call for Quoted Lead Times

Main

Main Input Voltage 400 V 3 phases

Input voltage 380 V
400 V
415 V

Maximum input current 50 A

Max short time withstand current 10 kA

Input voltage limits 400 V

Network frequency 45...55 Hz

Output voltage 230 V 3 phases

Output voltage 220/230/240 V

Rated power in W 16 kW

rated power in VA 20 kVA

Harmonic distortion Less than 2 %

Maximum configurable power in VA 20 kVA

Maximum configurable power in W 16 kW

Output harmonic distortion < 2% linear load and < 4% non-linear load

Output overload operation 10 minutes at 125% and 60 seconds at 150%

Wave type Sine wave

Output frequency 50 Hz +/- 1 °

Complementary

Battery voltage 384 V

Max current discharge 57 A

Control panel Touch screen LCD user interface

Colour Light grey

Height 180 cm

Width 80 cm

Depth 80 cm

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

Net weight	491 kg
Redundant	No
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	CE
Standards	IEC 62040-1-1 IEC 62040-2 IEC 62040-3 IEC 62040-4 ISTA 2B
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-25...55 °C
Storage altitude	0...10000 m
IP degree of protection	IP31
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	70 dB/1m
Heat dissipation	5439 Btu/h
Operating altitude	0...2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2085 mm
Package 1 Width	928 mm
Package 1 Length	928 mm
Package 1 Weight	565 kg

Contractual warranty

Warranty (in months)	12
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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 99 782 kg CO2 eq.

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 06cb433d-2f38-469a-a05f-575f1433c88c

REACH Regulation [REACH Declaration](#)

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

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

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