



## Commercial status

Discontinued on: 14 January 2021

To be end-of-service on: 31 December 2030

⚠ To be discontinued

## Overview

Lead time Usually Ships within 2 Weeks

## General

Provided equipment	Battery modules ship installed Bolt down brackets CD with software Installation guide Network management card Power modules ship installed Smart UPS signalling RS-232 cable Start-up service User manual
Performance multiplier	1
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS
Value multiplier	1

## Physical

Depth	83.8 cm
Height	149.1 cm
Mounting preference	No preference
Net weight	599.1 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	52.3 cm

## Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)

Input voltage limits	160...240 V
Input voltage	208 V 3 phases
Load power factor	0.5 leading to 0.5 lagging
Cos phi	0.98

## Output

Rated power in W	12000 W
Maximum configurable power in W	12000 W
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest factor	Unlimited
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Output voltage tolerance	+/- 5% static and 100% load step
Output harmonic distortion	< 2% linear load and < 4% non-linear load
Bypass type	Built-in maintenance bypass Built-in static bypass
Curve equation	Efficiency
Curve fixed loss	0.018
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0253
Curve square loss	0.0321
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
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	0
Output voltage	208 V 3 phases
Maximum configurable power in VA	15000 VA
Rated power in VA	15000 VA

## Conformance

Product certifications	CUL listed CSA UL 1778
Standards	CSA C22.2 No 107.1 ISO 14001 ISO 9001

## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15...45 °C

Storage altitude	0.00...15240.00 m
Acoustic level	51.3 dBA
Heat dissipation	2989 Btu/h
Show note OP temperature	No
NEMA degree of protection	NEMA 12
IP degree of protection	IP51

### Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	4
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	B
Battery charger power	1937 W rated
Battery power in VAH	9704 VAh runtime
Battery life	3...5 year(s)
Battery option	G35TBXR6B6 1 24304 VAh G35TBXR6B6 2 39197 VAh G35TBXR6B6 3 54260 VAh G35TBXR6B6 4 69446 VAh
Battery graph comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extended runtime	0

### Communications & Management

Preinstalled device	Network management card 2 with environmental monitoring
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### Packing Units

Package 1 Weight	630 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm
Package 1 Length	106.2 cm

### Offer Sustainability

EU RoHS Directive	Under investigation
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

### Contractual warranty

Warranty	1 year repair or replace
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