

# FSP/Fortron Clippers RT 3k

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FSP Clippers Series Clippers series is a premium featured online double conversion UPS with Rack/Tower design and high efficiency to reduce customer's total cost of ownership. The internal hot-swappable battery increases system reliability and reduce MTTR; the parallel function is designed for future equipment expansion. Its special firmware design can adapt various applications like laser printer, ultrasound device and supporting long back-up time with battery monitoring.

## Zusammenfassung

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FSP Clippers Series Clippers series is a premium featured online double conversion UPS with Rack/Tower design and high efficiency to reduce customer's total cost of ownership. The internal hot-swappable battery increases system reliability and reduce MTTR; the parallel function is designed for future equipment expansion. Its special firmware design can adapt various applications like laser printer, ultrasound device and supporting long back-up time with battery monitoring.

FSP/Fortron Clippers RT 3k, Double-conversion (Online), 2000 kVA, 2000 W, Sine, 110 V, 300 V

FSP/Fortron Clippers RT 3k. UPS topology: Double-conversion (Online), Output power capacity: 2000 kVA, Output power: 2000 W. AC outlet types: C13 coupler, USB port type: USB Type-B, Serial interface type: RS-232. Battery capacity: 9 Ah, Battery voltage: 12 V, Typical backup time at full load: 33 min. Form factor: Rackmount, Product colour: Black, Display type: LCD. Width: 438 mm, Depth: 510 mm, Height: 88 mm

## Merkmale

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### Logistics data

Harmonized System (HS) code 85078000

### Weight & dimensions

Width	438 mm
Depth	510 mm
Height	88 mm
Weight	19.5 kg

### Operational conditions

Operating temperature (T-T) 0 - 40 °C  
Operating relative humidity (H-20 - 90% H)

### Battery

Battery capacity	9 Ah
Battery voltage	12 V
Number of battery cells	4

## Technical details

Sustainability compliance	Y
Sustainability certificates	CE

## Design

Form factor	Rackmount
Product colour	Black
Display type	LCD
Certification	EMC EN62040-2 C2

Typical backup time at full load	33 min
Battery recharge time	3 h
Hot-swap battery	Y

## Ports & interfaces

AC outlet types	C13 coupler
USB port	Y
USB port type	USB Type-B
Serial interface	Y
Serial interface type	RS-232
Emergency Power Off (EPO) connector	Y

## Features

UPS topology	Double-conversion (Online)
Output power capacity	2000 kVA
Output power	2000 W
Waveform	Sine
Input operation voltage (min)	110 V
Input operation voltage (max)	300 V
Input frequency	40 - 70 Hz
Output frequency	46/64 Hz
Output frequency regulation	0.1 Hz
Output voltage regulation	1%
Response time	4 ms
Number of input phases	1
Power factor	0.99
Crest factor	3:1
ECO mode	Y
Total Harmonic Distortion (THD) (linear load)	2%
Total Harmonic Distortion (THD) (non-linear load)	4%
Noise level	50 dB
Surge protection	N
Audible alarm(s)	Y
Audible alarm modes	Alarm when on battery, Fault, Overload alarm, Low battery alarm

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.