

# 93PS-15(40)-15-3x9Ah-MBS-6



## DESCRIPTION

### Efficiency

- Above 96% efficiency in double conversion mode
- Up to 99% efficiency with Energy Saver System

### Scalability

- Scalable architecture and Pay as you grow capability to minimise Capital Expenditure
- Paralleling of up to 4 units

### Inherent redundancy

- Modular design allows internal redundancy (separate battery configuration also available)

### Smallest footprint in the market

The 93PS provides significantly more in a smaller package, with a footprint of only 0.25 m<sup>2</sup> for the smaller frame (8-20 kW) and 0.36 m<sup>2</sup> for the large frame (8-40 kW)

### Unity power factor (1.0)

### Hot Swap and Hot Scalable

- A module can be replaced while the other continues protecting the load (concurrent maintenance)
- A module can be added while the other continues protecting the load (hot scalable)
- Individual battery strings can be serviced while other strings are supporting the load

### Super-sized static switch

Optional super-sized Static Switch to enhance the selectivity of the overall electrical installation

## Safety

- Equipped with an ultra-rapid fuse in the Static Switch ensuring safety in all scenarios
- Equipped with a backfeed contactor no need for additional installments

## Cloud & Virtualisation ready

- The 93PS and Eatons Intelligent Power Manager software suite takes the resiliency of the system to the next level by bridging the electrical and IT infrastructure
- IT and electrical infrastructure management from a Single pane of glass
- Load shedding 50% drop in load equates to 250% more runtime!

## TECHNICAL CHARACTERISTICS

Brand : EATON

Part number : BC51AC306A01100000

### Design :

Certification : IEC 62040-2, IEC 62040-3

Battery capacity : 9 Ah

Battery life (max) : 10 year(s)

Battery technology : Sealed Lead Acid (VRLA)

Battery voltage : 384 V

Depth : 750 mm

Display type : LCD

Efficiency : 96%

Form factor : Tower

Height : 1750 mm

Hot-swap battery : Y

Input current Total Harmonic Distortion (THD) : 4%

Input frequency : 50/60 Hz

Input frequency converter : Y

Input operation voltage (max) : 415 V

Input operation voltage (min) : 220 V

Input power factor : 0.99

International Protection (IP) code : IP20

LED indicators : Y

Noise level : 60 dB

Number of batteries supported : 32

Number of input phases : 3

Number of output phases : 3

Output frequency : 50/60 Hz

Output operation voltage (max) : 415 V

Output operation voltage (min) : 220 V

Output power : 15000 W

Output power capacity : 15 kVA

Overload capacity (1 minute) : 125%

Overload capacity (10 minutes) : 110%

Power protection features : Overload

Product colour : Black

RS-232 ports : 1

Safety : IEC 62040-1

Total Harmonic Distortion (THD) (linear load) : 1%

Total Harmonic Distortion (THD) (non-linear load) : 5%

UPS topology : Double-conversion (Online)

USB port : Y

Width : 480 mm