

## Eaton 93PS, 20kW, avec standard batteries



### 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 : BC02AC206A01000000                      |
| Design :                                              |
| Certification : IEC 62040-1, IEC 62040-2, IEC 62040-3 |
| Automatic battery test : Y                            |
| Battery capacity : 9 Ah                               |
| Battery technology : Sealed Lead Acid (VRLA)          |
| Bundled software : Intelligent Power Software suite   |
| Depth : 750 mm                                        |
| Display type : LCD                                    |
| Efficiency : 96%                                      |
| Form factor : Tower                                   |
| Height : 1750 mm                                      |
| Hot-swap battery : Y                                  |
| Input current Total Harmonic Distortion (THD) : 3%    |
| Input frequency : 50/60 Hz                            |
| Input operation voltage (max) : 415 V                 |
| Input operation voltage (min) : 380 V                 |
| Input power factor : 0.99                             |
| International Protection (IP) code : IP20             |
| LED indicators : Y                                    |
| Management card included : Y                          |
| Noise level : 60 dB                                   |
| Nominal input voltage : 400 V                         |
| Nominal output voltage : 400 V                        |
| Number of batteries supported : 128                   |
| Number of input phases : 3                            |
| Number of output phases : 3                           |
| Operating temperature (T-T) : 5 - 45 °C               |
| Output frequency : 50/60 Hz                           |
| Output operation voltage (max) : 415 V                |
| Output operation voltage (min) : 380 V                |
| Output power : 20000 W                                |
| Output power capacity : 20 kVA                        |
| Output power factor : 1                               |
| Power factor : 1                                      |
| Power protection features : Overload                  |
| Product colour : Black                                |
| RS-232 ports : 1                                      |

|                                           |
|-------------------------------------------|
| Safety : IEC 62040-1                      |
| UPS topology : Double-conversion (Online) |
| USB 2:0 ports quantity : 1                |
| USB port : Y                              |
| Waveform : Pure sine                      |
| Weight : 424 kg                           |
| Width : 480 mm                            |