

Eaton 93PS, 20kW, sans 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 m² for the smaller frame (8-20 kW) and 0.36 m² 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 : BC02A0206A01000000
Design :
Certification : IEC 62040-1, IEC 62040-2, IEC 62040-3
Automatic battery test : Y
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 : 181 kg
Width : 480 mm