

Power system

APS 1500A-230-20 SSW

Description

The APS 1500A-230-20 SSW belongs to the Delta CabD product series. This high power density system is ideal for space-critical applications. An integrated modular system allows flexible and adaptable installations.

The system includes up to six inverters, DC and AC connections. In addition, easy installation and expandability add to the success of the system.

Delta is known for quality and product reliability, and to this solution has been added cost-effectiveness.

Main features

- Complete 30 kVA power supply system with static switch
- Total power 27 kVA with N+2 redundant modules
- Manual bypass switch for maintenance
- Fan cooled inverters API 1500A-230
- Sinusoidal output voltage with low THD
- Remote monitoring and control
- Integrated AC load distributions

Applications

- Modular UPS configurations
- Indoor and outdoor container
- Telecom, wireless, datacom



Our product portfolio includes both indoor and outdoor power systems building on extensive R&D, modular production and customization. InD and OutD categories with CellD, MidD and CabD series can meet any of your size and location requirements.

CabD AC series can secure up to 30 kVA of premium-quality electricity per cabinet. The systems' modularity and scalability enables the start with a basic setup and easy expansion when time is ripe.





Technical specifications

1. Input

DC Voltage range	40 - 72 V _{DC}
Nominal current *	18 x 35 A _{DC}
Maximum current (5 s) *	18 x 50 A _{DC}
Terminal	35 mm ² or higher
Feeding fuse (external)	Based on cabling
AC voltage, nominal	230 V _{RMS}
Frequency, nominal	50 Hz
Connections	L + N + PE
AC-input Fuse	125 A /PSU

2. Output

Voltage, nominal	230 V _{RMS} ± 1 % (208 / 220V / 230 / 240 Vrms - configurable)
Frequency	50 Hz ± 0.05 Hz
Power, nominal *	27000VA / 21600W
Current nominal *	117 A _{RMS}
Manual bypass	Yes
PDU MCB (DPN)	30 pcs / 2 A ... 40 A
Connections	16 mm ² (L + N + PE)

Ordering information

Product line number	3791244200
Description	APS 1500A-230-20 SSW

3. General

Height, overall	2000 mm
Width, overall	600 mm
Depth, overall	600 mm
Weight, full system	128 kg
Efficiency	≥ 90 %
Operating temperature	-5 to +45 °C
Relative humidity	95 % max, non. cond.
Safety	IEC/EN 60950
EMC	EN 300 386-2
Protection class	IP 20
Indicators	LED
Remote alarm	3 x potential free contact
Control and monitoring	RS 232 - diagnostic and configuration software
Inverter	API 1500A-230
Static switch	SSW 30000A-230

Subject to change without notice.

* with redundancy



Delta Energy Systems (Finland) Oy
Juvan teollisuuskatu 15, FIN-02921 Espoo
Phone: +358 9 849 660, Fax: +358 9 8496 6100

www.deltapowersolutions.com