

Power Everywhere

An ISO 9001 : 2000 Company

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HX 3-20KVA DS II 20 - 60KVA



- ▶▶ True double conversion online UPS
- ▶▶ Adopted IGBT and output Transformer for isolation
- ▶▶ Wide Input Voltage Range
- ▶▶ User-friendly digital LCD display
- ▶▶ Cold Start Function
- ▶▶ Paralleling Possible in HX II & DS II Series

ENERGY EFFICIENT GREEN UPS

HX 3-20KVA , DS II 20 - 60KVA

HX & DSII series UPS combines unique isolation technology with the latest in double Conversion online topology engineering strength is evident yet again through the incorporation of many powerful features in a user-friendly intelligent and reliable system. Besides integrated single-chip technology, the HX & DS II series features a large LCD display, input power factor, true RS232 port, optional SNMP interface card, and smart battery charger etc.

HX & DSII SERIES

TRUE ON-LINE DOUBLE CONVERSION
TYPE WITH ISOLATED INVERTER

Isolated IGBT Inverter and Isolation Transformer.

The advance IGBT inverter, coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantage of noise rejection as well as clean and safer natural line to the load, enables HX & DSII UPS to be used with most type of load.

Outstanding Features:

Improved power factor with filter upto (PF>0.99)

Meets modern industry standards for energy saving and minimum pollution to utility power

Single-Chip DSP Control

Reduce the component counts and achieve great functionality, reliability, intelligence and compactness.



Large LCD Display

An easy-to-read LCD display provides real-time indication of all major system parameters and status. In addition, the full-size graphical LCD display provides advanced monitoring functions that greatly enhance their user-friendliness and ease of use.

HX20-DS II 25-60 KVA



Complete Circuity Protection

Specially designed circuitry protects against abnormal operations such as Overload, Inductive type of load, short circuit, AC Input Over voltage, inverter Over voltage, Over temperature, ensuring high system reliability. The evolutionary input PFC circuitry maximises the system security and battery life by handling very wide ranges of AC input voltages, avoiding frequent battery usage.



HX3 - HX5 KVA

High Crest Factor Circuit Design

Suitable for any rectifier and inductive type of load, and computer and communication systems, handle per KVA more computer load, as compared to similar UPS available.

Advanced Battery Management

Monitors the charging and discharging status of the battery and thus enhances the battery's life, incorporates healthy maintenance of Battery and temperature compensated charging.

For Battery back-up upto 2-10Hrs.Multiple High-rated charger for Runtime Extension (options)

The optional chargers are designed to fulfil most kinds of long runtime applications.In HX series,you can add additional charger upto 10A,and in DSII series upto 25A

Built-in Communication Protocol and Port

True RS232 port link with the UPS communication protocol is implemented with various kinds of UPS application software

Built-in Communication Slot for optional communication accessories

The communication slot in every HX & DS II UPS allows the user to install the SNMP & True Relay Contact card.

Multiple UPS Software Selection

The UPS application software provides the functions of remote UPS status monitoring, self-diagnostic,power problem analysis,remote on/off control,scheduling shutdowns.Variable platforms are available such as Novell Net Ware Windows95/98/2000/ME/Xp,Linux.



EPO and Maintenance Bypass Switch

All HX & DS II Series are built in with a Emergency power off (EPO) connector and optional maintenance bypass switch that complies with industrial requirements to ensure a safe operating environments.

► Specification

Specification \ Model No.	HX-1103IB HX-1103L8	HX-1105IB HX-1105L16	HX-1106IB HX-1106L16	HX-1108IB HX-1108L16	HX-1110L16	HX-3110L16 HX-3115L16	HX-3120L16 HX II-3120L16
Capacity(KVA)	3	5	6	8	10	10/15	20
Battery Voltage(Vdc)	96	16 x 12V = 192V					
Dimension(WxDxH)	230x620x470	230x635x690			300x740x700	360x735x800	400x800x1180
Weight	41	52	56	60	76	120/35	170

Specification \ Model No.	DSII 3125L29	DSII 3130L29	DSII 3140L29	DSII 3150L29	DSII 3160L29
Capacity(KVA)	25	30	40	50	60
Battery Voltage(Vdc)	29x12 = 348				
Dimension(WxDxH)	400 x 800 x 1180				
Weight	210	225	300	380	400

Detail specification - HX, HX II, DS II

Specification \ Model No.	HX 1103L8 - HX 1110L16	HX 3110L16 - HX 3115L16	HX II 3120L16 - DS II 3125L29 - DS II 3160L29
Input Features			
Voltage (Vac)	160-275Vac (140-300V-Optional)	380/400/415 ± 25%	
Power Factor	0.99 (with optional filter)		
Phase	1phase in 1phase out	3phase in 1 phase out	
Efficiency	>93%		
Frequency (Hz)	50 ± 5%		
Output Features			
Voltage (Vac)	220 ± 1% ,isolated output transformer		
Frequency (Hz)	50 or 60 ± 0.5% (Battery mode)		
Power Factor	0.7 std, (0.8,0.9 optional)		
Overload Capacity	125% load for 60s , 150% load for 40ms		
Communications			
Interface (optional)	RS485/RS232 data and relay dry connection,supporting power manager software and SNMP adapter .LCD display indicates input voltage , output voltage,Load level ,Battery voltage,ect ;		
Panel Display	LCD/LED indicates running status		
Parallella	NA	NA	Upto 4 units

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suvik

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SUVIK ELECTRONICS PVT. LTD.

Plot No. 102/A, GIDC Engineering Estate, Sector-28, Gandhinagar -382 028, Gujarat, INDIA
Phone : +91-79- 23212001/2/3 Fax : +91-79-23212006 E-mail : info@suvik.com, mktg@suvik.com