

D SERIS U.P.S 10-150KVA

Microprocessor Controlled

ON-LINE 10-150KVA

3Phase input 3Phase output



General Features

- On-line double conversion working.
- Intelligent Eco mode feature (>%97 productivity).
- High performance microprocessor controlled.
- Automatically battery check.
- IGBT Technology, High frequency PWM Technique.
- Static By-pass.
- Uninterruptible maintenance By-pass switch.
- Computer & network interface, KEMSAN Ups software.
- 32 memories for previous alerts and 4 warning report.
- HOT Stand-By Feature (Full security with backup unit).
- Isolated output transformer.
- RS232 connection.
- Internal port for SNMP card option.
- Indicator: 4 lines, 20 characters LCD monitor.
- Quick and on-site service.
- Designing, production and technical service with ISO 9001 certificate.
- 1 year of guarantee.

POWER (KVA)		10	15	20	30	45	60	80	100	120	150		
INPUT	Voltage	220 / 380VAC ± %15 3 phase-neutral											
	frequency	50 Hz ± %5											
	protection	Current restriction for each phase on repressor input (Inx1.5) + Fuse											
	Input power factor	>0,8(6plus/standard),			>0.85(12 plus),			>0,99(PFC Technology)					
	Total harmonic distortion(THD-I)	< %25 (6 pulse/standard),			< % 10 (12 pulse),			< % 5 (PFC Technology)					
OUTPUT	Voltage	220/380 VAC ± %1 (Adjustable) phase-neutral											
	frequency	50Hz ± % 0.1 (independent from mains), 50 Hz ± %1 (synchronized working)											
	Efficiency	Inverter > %95, Eco-Mode > %97						Inverter>%91, Eco Mode>%97		Inverter>%92, Eco Mode>%98			
	Total harmonic distortion(THD-v)	<%3											
	Power factor	0,8											
	overload	Load ≤ %150 → 1 minutes , Load > %150 → Static Bypass											
	Voltage protection	200VAC-240VAC (Inverter operation limits - Adjustable) 200VAC-240VAC (Eco-mode operation limits - Adjustable) 185VAC-255VAC (Static by-pass operation limits - Adjustable)											
	Temperature protection	IGBT Heat sink and Output Transformer temperature protection											
BAT.	Voltage	405 VDC											
	Unit	30 unit(standard)											
	time	optional											
PHYSICAL PROPERTIES	AMBIENT	Temperature	0 - 40 °C										
		Relative humidity	%0-95 (Non-condensing)										
		Audible noise	<55 dB (A)			<60dB (A)			<65db (A)		<70db(A)		
		Operation altitude	2000m										
	Type of protection	IP20											
	Dimensions (mm) (W x D x H)	500×620×1300				700×700×1500				800×800×1500			
Weight (without battery) (kg)	205	250	305	360	420	485	520	920	1070	1410			
GENERAL PROPERTIES	Display	4 lines, 20 characters LCD monitor, Line, charge, discharge, Eco mode, Inverter, Bypass, Manual By-Pass, LED mimic diagram Display											
	warnings	32 memories for previous alerts (name, date, time), 4 fault report											
	Working type	Online double conversion - microprocessor controlled											
	RFI level	EN50091-2											
	Eco-mode	Enhanced Intelligent ECO MODE feature											
	Technology	High frequency PWM technique, IGBT technology											
Communication	KEMSANUPS server, terminal programs & RS232 cable is standard, Remote control over Internet or Ethernet by SNMP card and static TPC/IP number(optional)												
STATIC BYPASS	Input limit	185 VAC-255VAC(adjustable)											
	Transfer time	0 ms											
	overload	%200 (adjustable), 10ms %2000, Fuse											