

# D SERIS U.P.S 200-500 KVA

*ON-LINE 200-500KVA  
3phase input 3phase output*



## General Features

- On-line double conversion working.
- Intelligent Eco mode feature (>%97 productivity).
- High performance microprocessor controlled.
- Paralel operation
- High input power factor
- 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.

POWER (KVA)		200KVA	300KVA	400KVA	500KVA
INPUT	Voltage	220 / 380VAC ± %15 (Adjustable) 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 3 phase-neutral			
	frequency	50Hz ± % 0.1 (independent from mains), 50 Hz ± %1 (synchronized working)			
	Efficiency	Inverter > %95, Eco-Mode > %97		Inverter > %96, Eco-Mode > %98	
	Total harmonic distortion(THD-v)	<%3			
	Power factor	0,8			
	overload	Load %100-110 1 hour, for %110-125 3 minutes, for %125-150 1 minute, Load > %150 is STATIC BY-PASS			
	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.	Crest factor	3:1			
	Voltage	405 VDC			
	Unit time	30 unit(standard) optional			
PHYSICAL PROPERTIES	AMBIENT	Temperature	0 - 40 °C		
		Relative humidity	%0-95 (Non-condensing)		
		Audible noise	<70 dB (A) 1 meter	<75 dB (A) 1 meter	
		Operation altitude	2000m		
	Type of protection	IP20			
Dimensions (mm) ( W x D x H)	G=1400, D=800, Y=1500		G=1600, D=800, Y=1700		
Weight (without battery) (kg)	1350	1425	1650	1800	
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, Eco -mode			
	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			