

On-Line UPS

Model: KPM11-10KVA

Features:

- Real on-line and PWM technology (20khz)
- % 97 efficiency with Eco-mode function
- Control with microprocessor
- Communication with UPS hardware (standard), Can be watched from distant with SNMP (optional)
- n+1 parallelism
- High entry power factor
- Exact wave form for sinus out
- Static by-pass feature that transfers the burden to the system in extreme burden and KGK failure situation.
- Developed LCD screen that can make possible to change and watch KGK working
- 32 units saved memory directed to past.
- In addition to warnings saved report memory directed to past.
- By-pass care key (limitless)
- 10 years guarantee for spare parts
- Production with ISO9001 quality certificate



Specifications:

Power		10KVA
Entry	Voltage	220 VAC $\pm$ %20
	Frequency	50 Hz $\pm$ %5
	Protection	Voltage limiting at every phase in redresser entry (Inx1,2) + insurance
Out	Voltage	220 VAC $\pm$ %1
	Frequency	50Hz $\pm$ % 0.1 (free from system), 50 Hz $\pm$ %1 (synchronous to system)
	Output	85 (>95 with Eco mode)
	THD	<%3
	POWER FACTOR	0,8
	Extreme charge	Charge %100-110 1 hour , when %110-125 is 3 minutes, if %125-150 is 1 minute, if charge is > %150 = STATIC BY-PASS
	Saving Voltage	200VAC-240V AC (Inverter working limits. Except these limits; inverter closes) 200VAC-240V AC (Eco-mode working limits. Except these limits Eco-mode is not put into use) 185VAC-255VAC(static by-pass limits. Except these limits By-pass is not put into use)
	Saving voltage	When >%125 voltage limiting (can be fixed) + Insurance
	Saving heat	IGBT cooler temperature 85°C warning, 90°C inverter closes and by-pass, 75°C and down=open the inverter again
	Charge Crest Factor	3:1
Accumulator	Voltage	190 VDC
	Pieces	14 pieces (standard)
	Period	Optional
Physical Features	Atmosphere	Heat 0 to 40 °C
		Relative damp %0-95 (not become dense)

		Acoustic noise	<45 dB (A) (from 1 meter)
		Working height	2000 m.
	Protection class		IP20
	Dimensions (cm)		G=32, Y=80, D=73
	Weight with no accumulator Kg.		115
General Features	Indicator		2 lines 16 characters LCD screen entry, charge, discharge, Eco mode, inverter, By pass, warnings with led.
	Voiced warnings		Low Accumulator (1-2), Inverter and out, high voltage , high warm, system deported, inverter deported
	Working systems		ONLINE -MICRO PROCESS CONTROLLER
	Eco Mode		In addition that working function from secure system with [0] transfer speed
	Working methods		PWM Techniques with high frequency; (20KHZ) IGBT Technology
	Communication		KEMSANUPS server, terminal programs and with RS232 cable(standard), Can be watched from distant by giving TCP / IP number with SNMP kart(optional).
	Out isolation		High voltage isolation with out isolated transformer. (5000v).
	RFI level		EN50091-2
Static By Pass	Entry limit		185VAC-255VAC Network or demanded source (can be fixed) Except these limits By-pass is not put into use)
	Transition time		0 sec.
	Extreme charge		% 175 when exceeding the charging, high voltage protection (closure), insurance.

Made in Turkey