



UPS-MAK SERIES ONLINE 5 kVA Single Phase UPS

<http://www.mak-powersis.de/5-kva-single-phase-ups.html>

POWER	Power kVA	5 kVA
	Power kW	4 kW
	Efficiency Online	@%50 Load %91 & @%100 Load %95,5
	Efficiency EcoMode	>%98

INPUT	Voltage & Frequency	230VAC (Single Phase) & 50Hz / 60Hz
	Voltage optional	220VAC – 230VAC (three-phase)
	Voltage range	- %15 / +%15 (-%36 Optional)
	Power factor	0.99
	THDi	<%4

By-PASS	Dual input	Optional
	Voltage range	-%10 / +%10 (adjustable)
	Frequency range	-%10 / +%10 (adjustable)

OUTPUT	Voltage & Frequency	230VAC (three-phase) & 50Hz / 60Hz
	Voltage form	Pure Sinus
	Current	65 Amper
	THD(u)	%2< Linear load & <%5 Nonlinear load
	Crest factor	3:1
	Power factor	0.9 (Dreilevel Technologie)

GENERAL	Overload capability	<%110 = 60Min & <130% = 10Min & <150% = 1Min
	Technology	Three Level Rectifiers & Inverters
	Control	DSP & SPWM
	Parallel system	6 System
	Communication	SNMP, RS232, RS485, USB, MODBUS
	Dry contact	Optional (4 – 10 Pins)
	Temperature	0C / +40C Celcius – Batteries 0C – 25C
	Moisture	%90
	Noice (1m)	<55 Db (A)
	LCD	Backlit alphanumeric display
	Batteries	30 x (12V AGM & GEL Batterien)
	Standard protection	EN 62040-1
	Standard EMC	EN 62040-2
	Maximum altitude	2200 Meter

UPS CABINET	Maximum W (mm)	120
	Maximum D (mm)	540
	Maximum H (mm)	400
	H (kg)	19
	Protection	IP20 or optional for Marine / Offshore & Outdoor IP21, IP22, IP42, IP55

sales@mak-powersis.de