



UPS-MAK SERIES ONLINE UPS 40kVA

<http://www.mak-powersis.de/40kva-single-phase-ups.html>

POWER	Power VA	40 kVA
	Power W	32 kW

INPUT	Voltage	220 / 230 Vac 1ph+N
	Voltage tolerance	-% 25 / +%20 (without downgrading)
	Frequency	50 / 60 Hz (Auto detect)
	Frequency tolerance	+/- 10 %
	Power factor	>0.99
	THDi	+/- %5

OUTPUT	Voltage	220 / 230 Vac 1ph+N
	Voltage tolerance	+/-1 (static load) dynamic load in accordance with VFI-SS-11
	Current	173 A
	Frequency	+/- 10 %
	Frequency tolerance	+/- %0.1 (self-synchronize) +/- %1 (mains synchronize)
	Power factor	0.7
	THDi	<%2 (linear load), <%5 (Nonlinear load)
	Crest factor	03:01:00

OVERLOAD CAPACITY	%110	30 Min.
	%125	10 Min.
	%150	1 Min.
	>%150	10 Sec.

EFFICIENCY	Online	Up to %94
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GENERAL	Technology	Three level inverter PFC
	Control	Mikroprocessor SPWM
	Communication	SNMP (optional) RS232
	Remote monitoring	SNMP view, UPSilon, Remote monitoring panel (optional)
	Dry contacts	Battery mode, Battery low
	Custom inputs	Remote EPO
	Cold start	Standard
	Maintenance Bypass	Standard

ENVIRONMENT	Operating temperature	from 0 °C up to +40 °C (from 20 °C to 25 °C for maximum battery life)
	Relative humidity	%0 -%85 (without condensation)
	Maximum altitude	>2000 m.
	Noise level	<55 dB(A)

40 kVA UPS

UPS CABINET	Dimension WxDxH (mm)	255 x 730 x 870
	Weight (kg)	51
	Degree of protection	IP 20
	Colour	RAL 7012

BATTERY	Internal battery quantity	30
	Internal battery capacity(Ah)	7 – 9
	Eternal battery cabinet socked	Standard

STANDARDS	Safety	EN 62040-1
	EMC	EN 62040-2

UPS LIFE TIME	10 Years
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