

# UPS

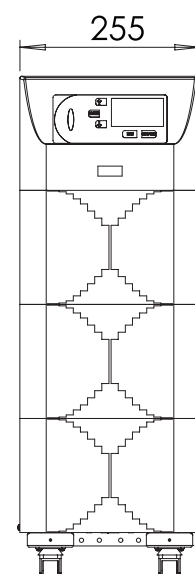
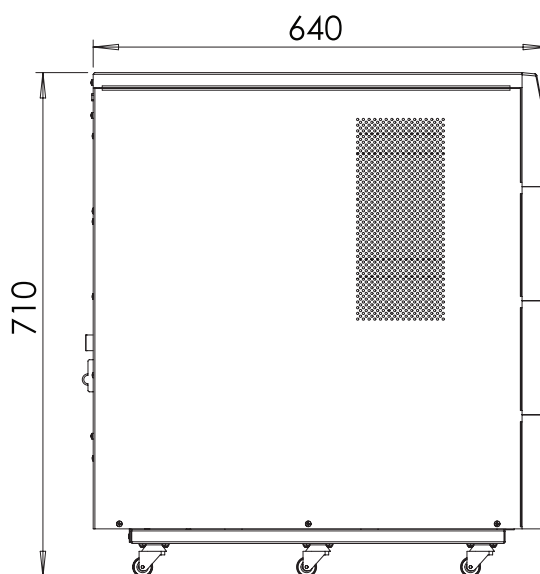
# A2 Series

6-10 kVA

Single phase

- ▶ **PFC & 3L Inverter technology**
- ▶ **High short circuit withstand capacity**
- ▶ **Low input current THDi**
- ▶ **Low output voltage THDv ( $\leq 2\%$ )**
- ▶ **High input pf 0,99 between 0%-100% load**

- ▶ High output power factor 0,8 (0,9 optional)
- ▶ High input and output performance
- ▶ Cold start
- ▶ Short circuit protection
- ▶ Long battery life with smart battery charge leading
- ▶ Automatic and manual battery test adjustable as period and time
- ▶ Optimum generator compatibility
- ▶ Easy installation and maintenance
- ▶ 7/24 technical support and customer service



# A2 Series UPS

## TECHNICAL SPECIFICATIONS

POWER (kVA)		6	10		
INPUT	Voltage	220 / 230 / 240 Vac 1ph + N			
	Voltage tolerances	-25%, +20% (without downgrading)			
	Frequency	50 / 60 Hz			
	Frequency tolerances	± 10%			
	Power factor	≥ 0.99			
	THDi	< 5%			
OUTPUT	Voltage	220 / 230 / 240 Vac 1ph + N			
	Voltage tolerances	± 1% (static load), ± 5% (dynamic load)			
	Frequency	50 / 60 Hz			
	Frequency tolerances	± 0.1% (self-synchronize), ± 1% (mains-synchronize)			
	Power factor	0,8 (0,9 optional)			
	THDv	≤ 2% (linear load), ≤ 5% (non-linear load)			
	Crest factor	3:1			
OVERLOAD CAPACITY	≤ %110	30 min.			
	≤ %125	60 sec.			
	≤ %150	10 sec.			
EFFICIENCY	Online	94%			
GENERAL	Technology	True online-double conversion, Three level inverter, PFC			
	Control	Microprocessor, SPWM			
	Classification in accordance with EN 62040-3	VFI - SS - 111(Voltage Frequency Independent)			
	Communication	SNMP (optional), RS232			
	Remote monitoring	SNMPView, 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% - 95% (without condensation)			
	Maximum altitude	≤ 2000 m			
	Noise level	< 40dB (A)	< 45dB (A)		
UPS CABINET	Dimensions (W x D x H) (mm)	255x620x545	255x710x640		
	Weight (kg)	29	35		
	Degree of protection	IP20			
	Colour	RAL9005			
BATTERY	Internal battery quantity	14	20	20	30
	Internal battery capacity (Ah)	7-9			
	External battery socket	Standard			
STANDARDS	Safety	EN 62040-1			
	EMC	EN 62040-2			
UPS LIFETIME	10 Years				

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