

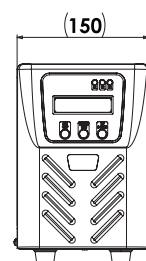
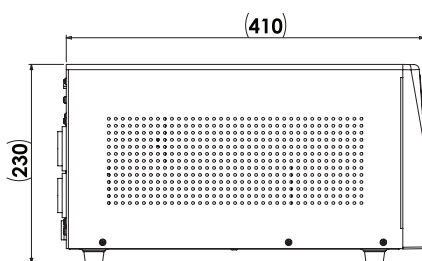
# UPS

# A1 Series 1-2-3 kVA | Single phase

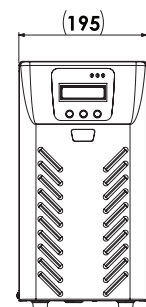
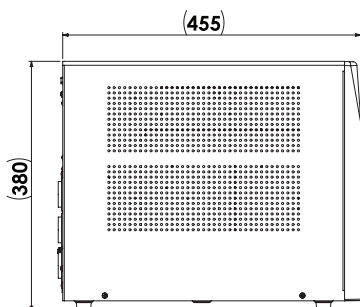


- ▶ **PFC & 2L Inverter technology**
- ▶ **High short circuit withstand capacity**
- ▶ **Low input current THDi**
- ▶ **Low output voltage THDv ( $\leq 2\%$ )**
- ▶ **Silent operation**
- ▶ **High input pf 0,99 between 0%-100% load**

- ▶ High output power factor 0,8 (optional 0,9)
- ▶ 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



1 kVA



2-3 kVA

# A1

## Series UPS

### TECHNICAL SPECIFICATIONS

POWER (kVA)		1	2	3
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		
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 (optional 0,9)		
	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	92%		
GENERAL	Technology	True online-double conversion, 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		
	Cold start	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	< 45 dB (A)		
UPS CABINET	Dimensions (W x D x H) (mm)	150 x 410 x 230	195 x 455 x 380	
	Weight (kg)	7,5	14	15
	Degree of protection	IP20		
	Colour	RAL9005		
BATTERY	Internal battery quantity	3	6	8
	Internal battery capacity (Ah)	7-9		
	External battery socket	Optional	Standard	Standard
STANDARDS	Safety	EN 62040-1		
	EMC	EN 62040-2		
UPS LIFETIME		10 Years		

ELEN reserves the right, at its sole discretion, to change, amend and modify the information given above without prior notice.

# ELEN