

A2 Series UPS 6-10 kVA | Single phase

- Three Level Inverter
- Power Factor Correction

✓ NEW TECHNOLOGY

- Three level inverter
- High and stable online efficiency (up to 94%)
- High input PF (≥ 0.99)
- Low input current THD ($< 5\%$)
- Low output voltage THD ($< 2\%$)
- Short response time ($< 2\text{ms}$)
- High input and output performance

✓ RELIABLE & USER FRIENDLY

- Low investment and operating cost
- Short return on investment time
- Reduced weight/volume/footprint
- Wide input voltage tolerances (- 25%, +20%)
- Cold start
- Energy-saving sleep mode
- Short circuit, lightning and surge protection
- Remote emergency power off (EPO)
- Generator compatibility
- 1-5A adjustable charger (optional)
- Extended battery life with intelligent battery management
- Automatic battery test
- LCD interface and LED operation mode indicator
- Remote monitoring panel (optional)
- 128 event log
- Battery capacity and load percentage display
- SNMP (optional) and RS232 communication
- Remote monitoring and management software
- Dry contacts
- Smart fan control
- Internal battery
- Easy installation and maintenance
- 10 years spare part warranty
- 7/24 technical support and customer service

✓ STANDARDS

- EN 62040-1 (Safety),
- EN 62040-2 (EMC)
- CE, ISO 9001:2008, ISO 14001, GOST



ELECTRO-MEDICAL DEVICES



LOCAL AREA NETWORKS



TELECOM APPLICATIONS



INDUSTRIAL PROCESSES



E-BUSINESS (SERVERS FARMS, ISP/ASP/POP)



SMALL COMPUTERS NETWORK



PERSONAL COMPUTERS



CASH REGISTERS



SERVERS



THREE LEVEL TECHNOLOGY



ELEN

A2 SERIES UPS TECHNICAL SPECIFICATIONS

	6	10		
INPUT				
Voltage	220 / 230 / 240 Vac 1ph + N			
Voltage Tolerances	- 25%, +20% (without downgrading)			
Frequency	50 / 60 Hz (Auto detect)			
Frequency Tolerances	± 10%			
Power Factor	≥ 0,99			
THD _i	< 5%			
OUTPUT				
Voltage	220 / 230 / 240 Vac 1ph + N			
Voltage Tolerances	± 1% (static load), dynamic load in accordance with VFI-SS-11			
Frequency	50 / 60 Hz			
Frequency Tolerances	± 0.1% (self-synchronize), ± 1% (mains-synchronize)			
Power Factor	0,7 (0,8 optional)	0,7		
THD _v	≤ 2% (linear load), ≤ 5% (non-linear load)			
Crest Factor	3:1			
OVERLOAD CAPACITY				
≤ 110%	30 min.			
≤ 125%	60 sec.			
≤ 150%	10 sec.			
> 150%	3 sec.			
EFFICIENCY	Online up to 94%			
GENERAL				
Technology	Three level inverter, PFC			
Control	Microprocessor, SPWM			
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% - 85% (without condensation)			
Maximum Altitude	≤ 2000 m			
Noise Level	< 40 dB (A)	< 45 dB (A)		
UPS CABINET				
Dimensions (W x D x H) (mm)	255 x 640 x 545	255 x 660 x 710		
Weight (kg)	29	35		
Degree of Protection	IP20			
Colour	RAL7012			
BATTERY				
Internal Battery Quantity	14	20	20	30
Internal Battery Capacity (Ah)	7-9			
External Battery Cabinet Socket	Standard			
STANDARDS				
Safety	EN 62040-1			
EMC	EN 62040-2			
UPS LIFETIME	10 YEARS			