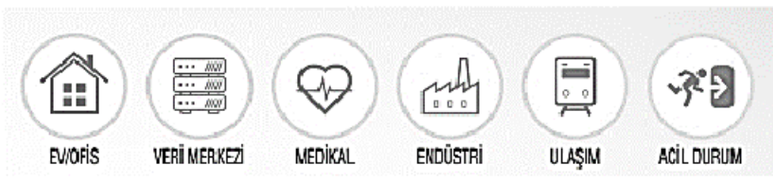
ELEKTRON 1-1 PHASE ON LİNE UPS

6 KVA.~ 10 KVA.







FEATURES

- *High Frequency and True Double-Conversion*
- *DSP (Digital Signal Processors) Technology*
- *Input Power Factor Correction (PFC)*
- *Wide Input Voltage Range (110~300V)*
- *Output Power Factor 1*
- *Cold Start Auto Sensing Frequency*
- *ECO Mode Operation for Energy Saving*
- *Selectable Output Voltage via*
- *LCD 50Hz/60Hz Frequency Converter Mode*
- *Available Selectable*
- *Battery Low Voltage via LCD Power-On Self Test*
- *Advanced Battery Management (ABM)*
- *Short Circuit and Overload Protection*
- *Automatically Charging Battery at UPS Off Mode*
- *Fan Speed Auto Control when Load Varies*
- *Generator Compatible*
- *Standard RS232 Communication Port*
- *USB/SNMP Communication Port (Optional)*
- *Emergency Power Off (EPO) (Optional)*
- *Extension Battery Bank (Optional)*
- *Manual Bypass N+X Redundancy Parallel (Optional)*
- *Electro Magnetic Compatibility, EMC – LVD CE Certificates*
- *2 YEARS Warranty / 10 Years Spare Parts Warranty*



6-10 KVA. (LONG) 6-10 KVA. (St.)

FRONT PANEL

1- RS 232
2- EPO
3- PARALEL PORT (Optional)
4- USB (Optional)
5- Battery Temperature Cencor (Optional)
6- SNMP/AS 400 (Optional)
7- MANUEL BYPASS (Optional)
8- FANS
9- BYPASS BRAKER
10- INPUT BRAKER
11- GROUND
12- INPUT-OUTPUT TERMİNALS

MODEL	ELEKTRON - 6.000	ELEKTRON - 10.000
CAPACİTY / POWER	6.000 VA / 6.000 W	10.000 / 10.000 W
INPUT		
Related Voltage	208 / 220 / 230 / 240 Vac.	
Voltage Range	Half Load (110-300) ±5 VAC, Full Load (160-300) ±5 VAC	
Frequency	40 ~ 70 Hz (Auto Sensing)	
Input Power Factor	≥ 0,99	
Bypass Voltage Range	160V - Rated Output Voltage +32V	
OUTPUT		
Related Voltage	208V / 220V / 230V / 240 VAC (Setting Available via LCD)	
Voltage Regulatıon	± % 1	
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized Range); 50 / 60 Hz ±0.1 Hz (Battery Mode)	
Wave Form / Output Power Factor	Pure Sine Wave/ cos@=1	
Crest Factor	3:1	
Harmonic Distortion	≤1% (Linear Load); ≤4% (Non-Linear Load)	
Transfer Time	AC Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 0ms	
Overload Capacity	%105 - %110 Load 10 sec.-%110-125 Load 1 sec. / %126-%150 Load 30 sn.	
EFFİENCY		
Mains Mode	≥ %92	
Battery Mode	≥ %91	
ECO Mode	≥ %98	
BATTERY		
Battery Voltage	192 – 240 Vdc. (Setting Available via LCD)	
Inbuilt Battery	16-20 X 7 – 9 Ah.	16-20 X 7 – 9 Ah.
Charing Current (Standart Model)	1 Amp.	
Charging Current (Long Model)	1-5 Amp. Setabil / 12A. (Optional)	
Rescharge Time	8 hours Recover to 90% Capacity	
ALARMS		
Utilty Failure	Beep / 4sec	
Low Battery	Beep / 1sec	
Overload	Beep Twice / 1sec	
ENVIRONMENTAL / COMMINICATION / STANDARTS		
Operatıons Tempareture / Hummudity	0 ~ 90% (Non-Condensing) / IP 20	
Noise Level	≤ 55 Db (1 mt.)	≤ 58 Db (1 mt.)
Standart RS 232 / USB (Opsiyonel)	Windows98/2000/2003/xp/vista/2008/7/8	
SNMP (Opsiyonel)	Power management from SNMP Manager and web browser	
STANDARTS	IECEN62040-1, IECEN62477-1 IECEN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4,IEC61000-4-5,IEC61000-4-6, IEC61000-4-8	
DIMENSION / WEIGHT		
Dimension (GxDxY)	191 x 465 x 711 (S) / 191 x 465 x 350 (L)	
Packaging Dimension (GxDxY)	310 x 654 x 941 (S) / 318 x 595 x 475 (L)	
Net Weight(Kg)	53 (S) / 15 (L)	62 (S) / 17 (L)
Brüt Weight(Kg)	61 (S) / 16 (L)	70 (S) / 18 (L)