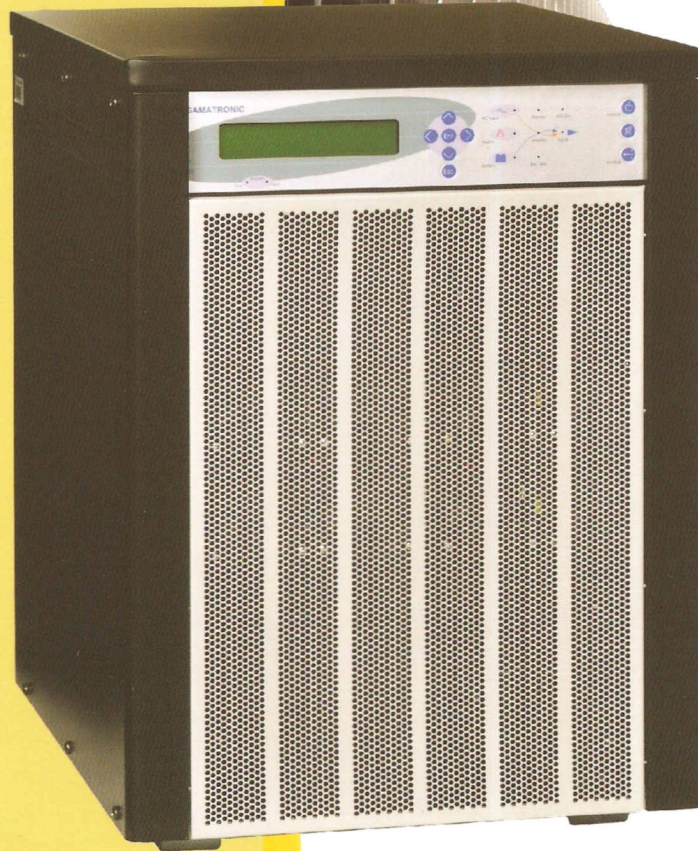




**POWERTRON**

**POWER+ SA**

20kVA, 30kVA, 40kVA UPS

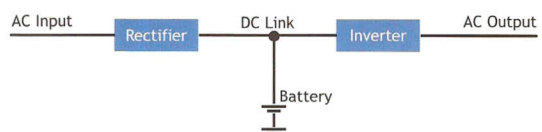


### ON-LINE DOUBLE CONVERSION UPS True on-line battery

- Available in 3/3
- Unique light and compact design-only 68kg!
- Great performance:
  - › High efficiency AC/AC:96%
  - › Low input THDi:5%
  - › Input PF:0.99
  - › Back light LCD
  - › 10kVA redundancy inverters and rectifiers
  - › Exclusive feature for data processing machine

#### Double Conversion True On-Line Battery (VFI)

According to IEC 62040-3



Technology Associates:

**GAMATRONIC ELECTRONIC  
INDUSTRIES LTD. ISRAEL**





## Specifications

Power+ SA UPS	20kVA	30kVA	40kVA
Topology	True Online Battery, Double Conversion		
<b>INPUT</b>	<b>3 Phase+N</b>		
Voltage	3x400 V + N, 45-65Hz		
Voltage Range	-20% , +20%		
Power Walk-in	> 60sec		
Power Factor	0.99		
THDI	5%		
Earth Leakage Current	3mA max		
<b>OUTPUT</b>	<b>3 Phase+N</b>		
Rated Power	20kVA/16KW	30kVA/24KW	40kVA/32KW
Frequency Tracking Range	±1, ±2, ±3Hz(selectable)		
Slew Rate	1Hz/Sec		
Voltage	3x400 V + N;50Hz		
Static Regulation	± 1%		
Regulation for Unbalance Load	±1% for 100% Unbalance load		
Dynamic Response to 100% Load Step	2%		
Overload	110% for 10 min.; 125% for 60 sec.; 1000% for 1 Cycle		
Waveform	Sinusoidal		
THD	Less than 2% for linear load		
Load CF (max)	upto 6:1		
DC/AC Efficiency (nominal)	98%		
AC/AC Efficiency (nominal)	96%		
<b>STATIC SWITCH (bypass)</b>			
Input Connection	Dual Input		
<b>GENERAL</b>			
Maximum Power Dissipation	666W (2272 BTU)	999W (3408 BTU)	1332W (4544 BTU)
Ambient Temperature	-10° to 40° (operating); -20° to +70° (storage)		
Relative Humidity	95% max non-condensation		
Altitude	1500 without derating		
Enclosure	IP 20		
Cooling System	Multi-Fan with speed control (forced)		
Acoustic Noise (Full load) @1.5m distance	48dBA		
MTBF	250,000 hrs		
Dimensions (HxWxD)(mm)	660 x 480 x 580		
Weight (electronic cabinet)	68Kg (max)		
<b>COMMUNICATION</b>			
Rs232	YES		
Alarm - Shutdown Monitor	YES		
SNMP	Option		
<b>LCD DATA DISPLAY</b>			
Input	Voltage, Frequency, Current		
Output	Voltage, Frequency, Current		
Batteries	Voltage		
Log (events memory)	Last 256 Events		
<b>STANDARDS</b>			
EMC Emission	EN50091-2 Class A; IEC 62040-2		
EMC Immunity	EN50082-2		
Safety Design	EN50091-1; IEC 62040-1-1 EN50091-3; IEC 62040-1-3		
Low Magnetic Field Radiation	EMF as per ICNIRP		
<b>BATTERIES (external)</b>			
Type	Sealed, Valve regulated, lead-acid		
Number	64x12V		

\*All specification are typical subject to change without prior notice

UPS/10/Power+SA

### Ador Powertron Limited

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