



# e&c accenta

Uninterrupted Power Supply

## Technical Specification

### Features

- Micro controller based design for high reliability
- MTBF 250000 hrs
- High efficiency design
- Wide input window
- Silent operation
- Sleek and compact footprint
- Low RFI
- Computer interface (optional)
- Auto shutdown on Windows OS platforms
- SNMP (Optional)
- Web based remote management (optional)
- Auto self test

### Standards

- ◆ EMI/EMC IEC62040-2
- ◆ UPS performance IEC62040-3
- ◆ Safety IEC62040-1

### Suggested Applications

- ◆ Computer peripherals
- ◆ Servers
- ◆ Network environment
- ◆ Telecom equipment
- ◆ V-SAT equipment

Model	kVA	1	2	3	6	10	15	20
	W	800	1600	2400	4000	8000	12000	16000
<b>Input</b>								
Voltage (V)		230 V			415 V			
Voltage range		160V - 270V			175V - 275V	305V - 475V		
Frequency		45Hz ~ 55Hz						
Power Factor		> 0.98						
<b>Output</b>								
Voltage		230V +/- 2%			230V +/- 1%			
Frequency		Synchronised range 46Hz to 54Hz						
Free running		50Hz +/- 0.25Hz			50Hz +/- 0.05Hz			
Wave Form		Pure Sine Wave						
Harmonic Distortion		< 2% for linear load, <5% for non-linear load						
Crest factor		3 : 1						
AC-AC efficiency		> 85%			> 88%			
Protection		Input over/under voltage, over load, short circuit & over temperature, battery voltage low/high, output voltage low/high, cycle by cycle current limit, DC bus over voltage, cooling fan protection						
Overload		125% for 60 sec, 150% for 30 sec						
Indications		Main ON, Bypass ON, Inverter ON, Battery ON, Load level, Battery charge level bar graph, Over load, Battery low & fault, Over temperature, Inverter trip						
Bypass transfer time		2.0 m Sec						
<b>Battery</b>								
Battery Voltage (DC)		36 V	96 V	240 V				
No. of Batteries		3	8	20				
Backup time		Depends upon capacity of external batteries						
<b>Alarms</b>								
Battery mode		Beeps every 4 seconds						
Battery low		Beeps every second						
Over load		Beeps twice every second						
Fault		continuously beeping						
Acoustic Noise @ 1 mtr Distance		< 50 dB			< 55 dB			
<b>Dimensions @ mm</b>								
Width		160	200	260				
Depth		400	450	570				
Height		220	352	717				
Weight		6.5	13.5	14.5	35.0	38.5	55.0	
Operating temp		0 ~ 45 deg C						
Relative Humidity		Up to 90% non condensing						

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