

- ✓ 6-10 kVA
- ✓ Rack / Tower
- ✓ Long Run Batteries
- ✓ Hardwired
- ✓ 240V
- ✓ Phase 1:1



ChargeMaster - Rack / Tower 6-10kVA

Applications:

ChargeMaster rack tower range is a multi function unit that can be used among a vast range of applications:

- **Data Centres, Security & Communication Networks**
- **Hospitals - Theatre Lighting, Nurse Call, General Power**
- **Education Facilities**
- **Critical Infrastructure - Water Treatment, Scada Networks, Control Systems**
- **Commercial Buildings - Retail, Office, Home Office**

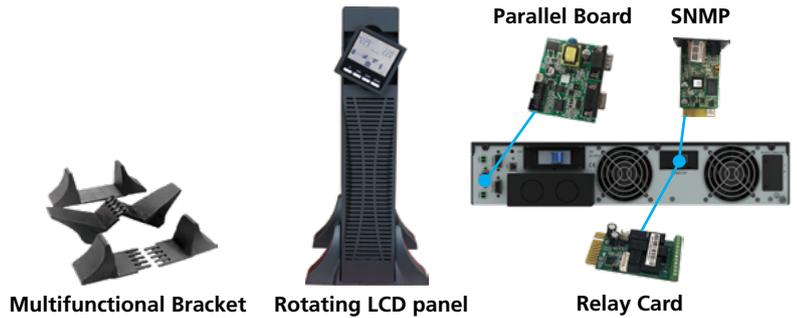
Key Features:

- **Pure Sinewave**
- **Rack/Tower Convertible Design with rotating display**
Customer may choose to mount the UPS in a data rack or as a tower configuration.
- **True Online Double Conversion**
Converts the mains into DC then back to regulated AC before exporting to the load.
- **High Power Density/Efficiency up to 94%**
- **N+X parallel redundancy, support a maximum of 4 units in parallel**
- **Generator Compatible**
UPS has a "walk in" function that soft starts the UPS on reconnection of the generator to allow the generator control system stable operation.
- **ECO Mode Operation for Energy Saving**
Optimises the online process by putting the UPS into Active Standby mode.
- **Self Testing when UPS Startup**
- **Ethernet SNMP Card Factory Fitted**
- **Cold Start**
Will start without AC mains, on DC Battery.

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Optional Accessories:

- Relay output card, temperature sensor
- External battery module required
- Rack mount kit
- External manual bypass switch
- Parallel redundancy cable



Technical Specifications:

ChargeMaster Rack Tower 6-10kVA

Capacity	6kVA	10kVA
Active Power	5400W	9000W
Dimensions (WxDxH mm)	440x625x86.5 (2RU)	440x625x86.5 (2RU)
Weight (kg)	16	18
EBM (External Battery Module)	BCAB-R-20-120V-N	BCAB-R-20-120V-N
EBM Battery Configuration	20 x BAT-12V9AH	20 x BAT-12V9AH
EBM Battery Voltage	+/- 120V DC (240V DC nominal)	+/- 120V DC (240V DC nominal)
EBM Dimensions (WxDxH mm)	440x680x131 (3RU)	440x680x131 (3RU)
EBM Weight (kg)	63	63

Input

Nominal Voltage	220/230/240V AC Single Phase
Input Voltage Range	176 to 286V AC
Frequency	40-70Hz (50/60Hz Auto-Sensing)
Power Factor	>0.99

Output

Output Voltage	220/230/240V AC Single Phase, Pure Sinewave
Voltage Regulation	+/- 1%
Power Factor	1.0
Crest Factor	3:1
Efficiency	Up to 94%

Battery

Battery Voltage	+/- 120V DC (240V DC nominal)	
Battery Type	VRLA	
Maximum Charge Current	10A	
User Interface	LCD Display -Input/Battery/Output Voltage, Input/Output Frequency, Load %, Remaining Backup Time	
Operating Temperature	0 to 40C	
Humidity Range	5-95% non-condensing	
Audible Noise	<55dB at 1 metre	<58dB at 1 metre
Communications	RS232, USB,EPO, Parallel Port (N+x), Ethernet SNMP (UPS-SNMP-220)	
Optional	19 inch Rack Mounting Kit, UPS-RC Relay Card with remote control, Rack Mounted External Bypass Switch, Parallel Cable	