

- ✓ 1-3 kVA
- ✓ Mini Tower
- ✓ Internal & Extended Batteries
- ✓ AU Plug
- ✓ 240V
- ✓ Phase 1:1



ChargeMaster - Mini Tower 1-3kVA

Applications:

Medical centres, Pharmacies and Laboratories require UPS' that take up a minimal amount of space, have low power consumption, and generate limited noise. ChargeMaster devices are the perfect choice for protecting from damaging disturbances, blackouts and costly product loss.

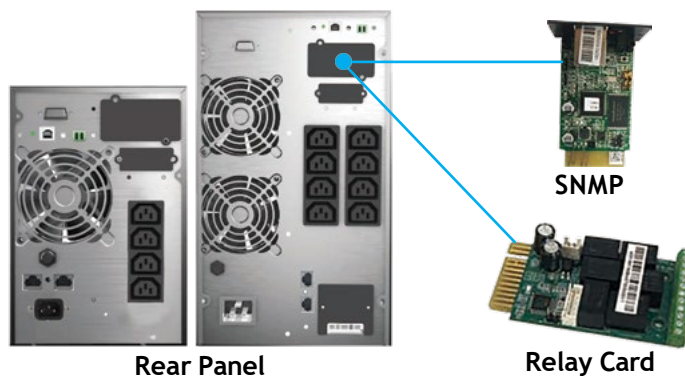
Key Features:

- **Efficiency up to 92%**
Low Energy Consumption.
- **Double Conversion**
Converts the mains into DC and then back to regulated AC before exporting to the load.
- **Pure Sinewave**
Has a smooth sinusoidal wave at output.
- **LCD Display**
- **Advanced Protections**
Protect the load from experiencing poor power events, dips and swells in voltage, spikes, low/high frequency events.
- **Small Footprint**
Small surface area required, compact.
- **Silent Operation**
Ideal for home or quiet office environment.
- **Advanced Communication**
USB, Optional Ethernet, RS232.
- **Both Internal and External Battery Options**
IB+EBM, or LR+EBM, allowing extendable backup times.
- **Hot-Swappable Battery**
Battery EBM can be added, serviced without interruption of power to the load.

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Optional Accessories:

- SNMP ethernet card
- Relay output card
- (EBM) Extended battery module up to 4 additional units



Technical Specifications:

ChargeMaster Mini Tower 1-3kVA

Model	VSC-1KVA	VSC-2KVA	VSC-3KVA
Capacity	1kVA	2kVA	3kVA
Active Power	900W	1.8kW	2.7kW
Battery Voltage	36V	72V	72V

Internal Battery Model (IB)

Internal Battery Configuration	3 x BAT-12V9AH	6 x BAT-12V9AH	6 x BAT-12V9AH
Dimensions (WxDxH mm)	144x399x209	191x460x337	191x460x337
Weight	12.5	24.5	24.5

Extended Battery Model (LR)

Dimensions (WxDxH mm)	144x293x209	191x460x337	191x460x337
Weight (kg)	4.1	10	10

Extended Battery Module (EBM)

EBM (suit IB and LR models)	36V	72V
EBM Battery Configuration	6 x BAT-12V9AH	12 x BAT-12V9AH
EBM Dimensions (WxDxH mm)	144x399x210	191x460x338
EBM Weight (kg)	18.5	38.5

Input

Nominal Voltage	220/230/240V AC Single Phase
Input Voltage Range	176 to 264V 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	0.9		
Crest Factor	3:1		
Efficiency	85-88%	87-90%	88-91%

Battery

Battery Type	BAT-12V9AH VRLA
Typical Recharge Times	Approximate 4 hours to 90%
Max. number of EBMs	4
User Interface	LCD Display -Input/Battery/Output Voltage, Input/Output Frequency, Load %, Remaining Backup Time
Operating Temperature	0 to 40C
Humidity Range	20-95%
Audible Noise	<50dB at 1 metre
Optional	UPS-RC Relay Card with remote control, UPS-SNMP-220 Ethernet Adaptor