

- ✓ 10-50 kVA
- ✓ Rack / Tower
- ✓ Long Run Batteries
- ✓ Hardwired
- ✓ 380/400/415V
- ✓ Phase 3:3



## ChargePro - Rack / Tower 10-50kVA

### Applications:

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

- Energy Efficient Data Centres – Hyperscale
- Critical High-Density Computer & IT Environments
- Hospital & Medical Critical Applications
- Industrial & Commercial Applications
- Water / Waste-Water, Desalination Plants
- Rail / Transport Critical Applications
- Banks, Telecommunication, Education Facilities

### Key Features:

- **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 95.5%**
- **N+X parallel redundancy, support a maximum of 4 units (10-30kVA) & 6 units (40-50kVA)**
- **Wide Input Voltage Range**  
138-485V AC, no derating > 305V AC.
- **100% Unbalanced Load Support**
- **Generator Compatible with Power Walk in Function**
- **ECO Mode Operation for Energy Saving**  
Optimises the online process by putting the UPS into Active Standby mode.
- **Self Testing when UPS Startup**
- **Cold Start**

# ChargePro - Rack / Tower 10-50kVA

## Optional Accessories:

- Relay output cards, temperature sensor
- Rack mount kit
- Parallel redundancy cable



Rear

## Technical Specifications:

### ChargePro Rack Tower 10-50kVA

<b>Capacity</b>	10kVA	15kVA	20kVA	25kVA	30kVA	40kVA	50kVA
<b>Active Power</b>	10kW	15kW	20kW	25kW	30kW	40kW	50kW
<b>Nominal Battery Voltage</b>	+/-240V DC (480V DC)						
<b>Maximum Charge Current</b>	18A					20A	
<b>Dimensions (WxDxH)</b>	440x670x130 (3RU)					440x800x175 (4 RU)	
<b>Weight (kg)</b>	25	27		28	45	48	
<b>External Battery Module</b>	BCAB-T-80-240V-N						
<b>Battery Configuration</b>	2 x 40 x BAT-12V9AH (VRLA)						
<b>Dimensions (WxDxH mm)</b>	250x900x868						
<b>Weight (kg)</b>	215						
<b>Custom External Battery</b>	Customised Battery Design (360V to 600V DC nominal)						
<b>Input</b>							
<b>Nominal Voltage</b>	380/400/415V AC (3Ph+N+E)						
<b>Input Voltage Range</b>	305-485V AC						
<b>Frequency</b>	40-70Hz (50/60Hz Auto-Sensing)						
<b>Power Factor</b>	>0.99						
<b>Output</b>							
<b>Output Voltage</b>	380/400/415V AC (3Ph+N+E)						
<b>Voltage Regulation</b>	+/-1%						
<b>Power Factor</b>	1						
<b>Crest Factor</b>	3:1						
<b>Efficiency</b>	Up to 95.5%						
<b>User Interface</b>	Colour LCD Display -Input/Battery/Output Voltage, Input/Output Frequency, Load %, Remaining Backup Time						
<b>Operating Temperature</b>	0 to 40C						
<b>Humidity Range</b>	0-95% non condensing						
<b>Audible Noise</b>	<55dB at 1m					<56dB at 1m	<58dB at 1m
<b>Communications</b>	RS232, RS485,USB,Parallel Port (N+x)(LBS), Ethernet SNMP, Backfeed Port, Programmable 4DI/4RO Port, REPO, Battery Temp Input, Expansion Port						
<b>Options</b>	19 inch Rack Mounting Kit, UPS-RC Relay Card, Battery Monitoring System, Battery Temperature Sensor, Parallel Cable						