



Enectron V-Series PowerPlus

Backup Power for Businesses



Dental & Medical Clinics



Showrooms



Small & Medium
Commercial Offices



Retail Stores



Supermarket



Cafe's



**DESIGNED FOR SPACES WHERE SILENCE,
SAFETY, & RELIABILITY MATTER.**

Enectron— Product Details (India Data Sheet)

Parameter	Value
ELECTRICAL OUTPUT (AC)	
Rated (continuous) output apparent power	8.5 kVA
Rated output current	34 A at 230V
Nominal AC voltage	230 Vac
Nominal AC voltage range	180–250 Vac
Nominal frequency	50 Hz
AC round-trip efficiency	~90%
Phase	Single Phase
Operating modes	Self-Consumption, Full Backup, Time-of-Use (TOU)
Switchover time	< 20 milliseconds
BATTERY MODULE	
Rated Capacity	10.5kWh/11.7kWh
Usable capacity	9.5 kWh/ 10.5kWh
Chemistry	Lithium iron phosphate (LFP)
Nominal DC voltage	48 V
DC round-trip efficiency	~95%
Grid charging input	up to 3.3 kW via standard 15A socket
Cycle life	6,000+ cycles
Ambient operating temp. (charging)	0°C to 50°C
Ambient operating temp. (discharging)	0°C to 50°C
Optimum operating temperature	0°C to 30°C
MECHANICAL & ENVIRONMENTAL	
Dimensions (H × W × D)	600 mm × 625 mm × 670 mm
Total installed weight	135 kg
IP rating	IP-55
Cooling	Natural convection — passive, no moving parts
Mounting	Floor-mount
Installation location	Indoor / Outdoor
WARRANTY & CERTIFICATION	
BIS certification	Under Process
Battery warranty	5 years (>80% capacity retained)
Inverter warranty	5 Years
Communication Interface	
Enectron Third Party Source	



ENECTRON ENERGY STORAGE SYSTEMS PRIVATE LIMITED

Address: Galaxy 43, Residency Road,
ShanthalaNagar, Museum Road,
Bangalore North, Karnataka - 560025.

+91-9952503018

sales@enectron.com