



Electric Vehicle Charging Solutions

Charging toward ⁶Green Future



GREEN⁶VR

SMART CHARGING • SMART SAVING • SMART GRID

About us...

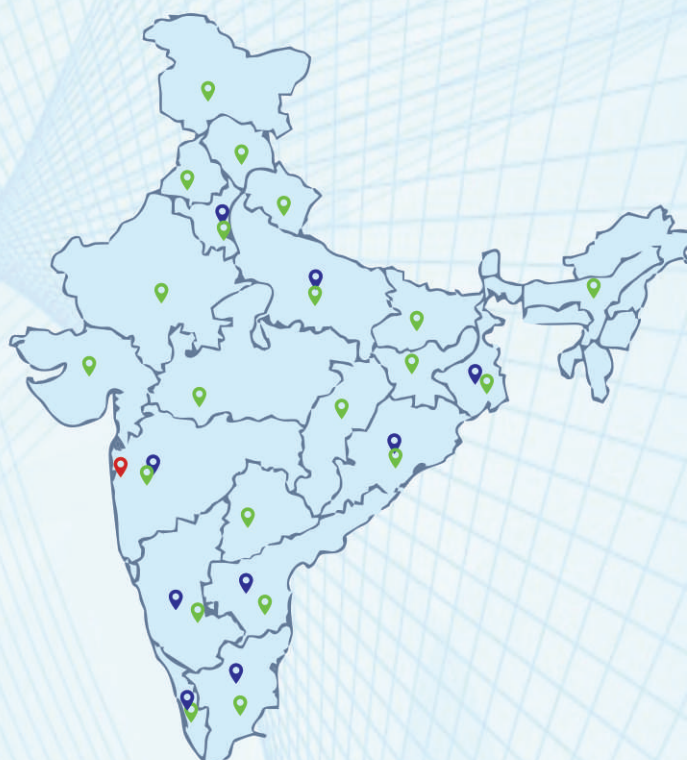
We are one of the leading Battery Management Solution providing company in India since 10 years with extensive research & work which able to cater the need of all OEM Battery Manufacturers in India and sub continent.




Apple Energy is associate & distributor of Midtronics, USA which is world leader in Battery Management solutions. It is constituted with high end professionals having rich experience in Engineering, Finance, Marketing, Innovation, R&D & competitiveness in Quality, Delivery of Service & Products.

Apple Energy is highly growing company compatible with large & SME business house, equipped with high end in house IT enabled solution to provide on time quality service to its vendor suppliers & customers.

Apple Energy team is comitted to serve the organisation with Professional passion, Zeal, and Endeavor to leverage value addition to all.

NETWORK



-  Head Office
-  Area Office
-  Distributors

Esteemed Customers



Application:



- 1. Parking :** Vehicle owners may park in EV spaces located in their assigned lots. EV charging is provided as a convenience for "topping off" charging needs for EV .These charging spaces are utilizing prime parking spaces in the campus. Parking in an EV parking space in violation of this policy can result in receipt of a parking citation.
- 2. Service Stations:** Customers can use a charging station that provides electrical conversion, monitoring, or safety functionality. These stations are also needed when travelling, and many support faster charging at higher voltages and currents that are available from residential EVSEs.
- 3. Commercial:** Fleet and commercial customers can count on charging solutions that offer convenient public and private access. Advanced versions will feature remote monitoring and billing capabilities.
- 4. Residential:** Homeowners will appreciate simple, easy-to-install and user-friendly solutions for charging their electric vehicles at home. Our charging stations, which meet NEMA requirements, are suitable for wall or pedestal mounting. Advanced versions feature intelligent communication and smart-grid integration options.

Green Power Fast Charging Station GP - EV 2000



Integrated Solution (Charging Station For New Energy Car)

One-piece AC+DC charging station is used for fast charging of new energy vehicles. Integrated human computer interaction, credit card, billing, monitoring, communication functions .Aplace where electricity is quickly replenished.

Features:

- Charging flexible according to new energy vehicles situation.
- Integrated in ONE save your space.
- 5-inch touch-screen interface, easy to operate.
- Fully care of your safe :short circuit, overheat, fire retardant, lightning strike, emergency stop charge, AC input over pressure, DC output over current, output reverse error, etc.
- It has the function of automatic voltage limiting, steady current limiting, output voltage and current adjustable continuously.
- The main transformer adopts the core material with high magnetic conductivity, which saves about 20% more energy than the thermistor rectifier.
- Programable starting, prevents the high current impact, prolongs the life of the equipment.
- Standard Based upon Bharat EV Charger Protocol / Specification.

Specifications

GP-EV2000		DC Fast Charger	AC Standard Charger
Input	Voltage	3 phase 390VAC~490VAC	3 phase 415VAC±15%
	Amps	1~23A	16A±1A
	Frequency	50~60Hz	50~60Hz
Output	Voltage	10~75VDC (adjustable)	Single phase 230VAC±20%
	Amps	1~200A (adjustable)	16A±1A
	Frequency	*	50Hz±3Hz
	Rated Power	15KW	3.5KV
Protection		Over voltage / Under voltage protection, Over current protection, Under phase protection. Short circuit protection, Leakage current protection, Dumping protection, Over temperature protection, Emergency stop protection, Over frequency / Under frequency protection.	
Communication		RS 485 , CAN	RS 485 , CAN
Operating Temp.		-10~55°C	-10~55°C
Cooling		Air forced cool	Air forced cool
IP Ingress		IP55	IP55
Dimensions		W400*D600*H1600mm	W400*D600*H1600mm
Weight		165.00KG	165.00KG
Charging Cable Length		3Metre	3Metre

Green Power AC Charging Station

Features:

- Integral ground fault interrupter set at 5 mA that meets the UL definition for people protection
- Automatic recovery and re-start after ground fault interrupt or main power loss.
- Ground monitor
- User-friendly LEDs to display status such as charging, detected fault, power, etc.
- Option to have advanced metering functionality to collect and monitor energy and demand profile data.
- **Supports BEVC - DC001 Specifications** : The Committee on standardisation of protocol for Electric Vehicles (EV) Charging Infrastructure has come out with recommendations entailing specifications for AC and DC charging for electric vehicles.
- All in one outdoor DC Fast charger is designed for of different voltage type electric vehicles.
- Designed to deliver max output power at 15KW continuously.
- Wired/Wireless network capability for back office integration.
- LCD touch screen & user friendly interface.
- Robust design.

Specifications:

- Input/output current : 15 / 30 A
- Input/output voltage : 240 Vac
- Enclose type : Indoor(NEMA 1)
- Cable length : 18ft.
- Enclose dimension (in inches) : 9.53W x 12.73H x 4.36D
- Cable holder included
- Charging access : unrestricted

GREENVR



MIDTRONICS Advancing Battery Management

EV/HEV Solutions



GRX 5100 SERIES

- Pack / Module de-powering
- Module Balancing
- Pack / Module Charging
- Jump Start / Rescue Charge.
- 0-384 VDC
- 0-7.5 AC



xMB SERIES

*xMB (new)

- 48/72/96/144 VDC
- 15/40/60 Amp