

Racing Champions Always Powered by SCION Energy Storage

“Delivering high quality, long lasting and enduring product to our customers is our motto at Scion” says Manish Tapadiya, Founder and Neha Tapadiya, Co-Founder of Scion Energy Storage.

An energy storage company incorporated in 2018 provides wide range of customised solutions in stationary & non-stationary storage solutions

Who are we?

Scion Energy Storage is a part of GITA Group, a business group established in 1950 and has substantial interest in diversified business activities ranging from Hydro & Renewable Energy, manufacturing Indian railway concrete sleepers, electricity transmission poles, irrigation / water supply pipes, refractories, special steel wires and strands, Foundry, real estate & construction, Pulses processing (Dal Mills) and lifestyle retail (Bonsai).



Team Phoenix Racing's e-Go-Kart

Scion Energy Storage

congratulates the triumphant champion winners **Team Phoenix Racing from Sardar Vallabhbhai National Institute of Technology, Surat of 6th Go-Kart Design Challenge (GKDC 2019)**; under EV category, held at the prestigious Buddha International Circuit in Greater Noida on 22nd-27th February, 2019.

Scion also, congratulates **the 6th All India Rankers of the EcoKart Series 2019, team Pro-Karters from MITWPU College, Pune** held in Delhi held from 4th to 9th April 2019. They also won the award for Best Marketing Scope.

Scion Energy Storage is also proud to announce its association with the Phoenix Racing Team from SVNIT, Surat & Team Pro-Karters. The racing go Karts were powered by Scion Energy Storage's 48V 80Ah lithium-ion battery and 48V 40Ah Lithium-ion battery for both teams respectively.

Scion has consecutively powered the winning teams of go-kart challenges through Lithium-ion batteries.

Product Range:

- Cylindrical Cells - Size from 14430 to 36650
- Polymer Cells, Prismatic Cells
- Customised lithium ion battery packs
- Customised lithium Ferrous Phosphate Battery Packs
- Lithium Battery Chargers

Advantages

Fast Charging, Long Lasting Life, Low Self Discharge Rate, Zero Maintenance, Light Weight

Applications

- Solar
- EV, HEV, PHEV
- Defense/ Military
- Telecom
- Railway
- Energy Storage Systems



Manufacturing the battery pack as per GKDC's design and functional constraints was a challenge that the team at Scion Energy Storage took up; given the 4.5kW motor and peak motor current of 300A. The battery pack was rigorously tested not only for capacity but full functional tests were carried out for the rated current at Scion energy Storage's in house facility in Pune.

Scion Energy Storage is the **leading provider of energy storage solutions in India**. With expertise in manufacturing of all types of Lithium ion batteries and chargers. Dealing in chemistries like LiFePO₄, LCO, NMC; with latest testing facility and collaborations with reputed technological institutions like BEL, CMET etc.

Team at SVNIT, Surat built a truly stunning electric go-kart that went on to win **7 out of 9** awards throughout the competition. They won the **Overall Champion Trophy 2019**. And so did Team at MITWPU Pune.



Team Pro- Karter's e-Go-Kart

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