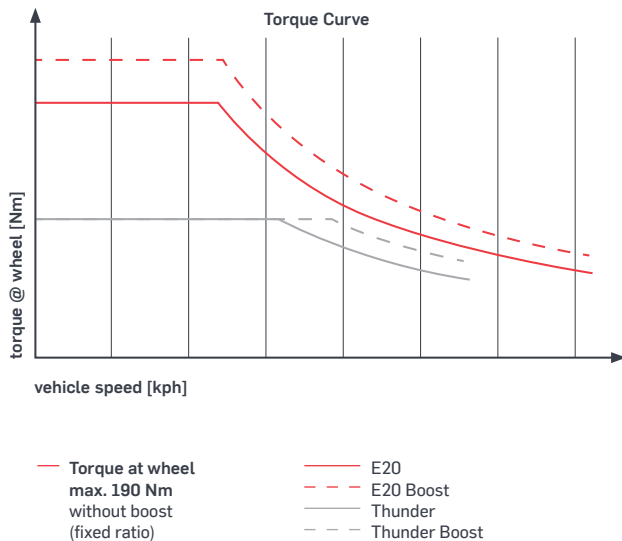




PROJECT E20

BRING YOUR PASSION. WE'VE GOT THE TECHNOLOGY.

The experience Rotax gained in professional eKart racing and working with the previous "Thunder" eKart over the last years enabled us to make a significant leap forward. Our newly designed high performance eKart E20 ist totally different than the previous model with major advances in all areas. It neither needs to fear a comparison with other eKarts nor karts with combustion engines. The E20 provides an overall performance improvement of approx. 25% as well as a reduction in weight of approx. 7% and a major improvement of weight distribution in comparison to our earlier model Rotax Thunder. With the passion of race in our blood and the future of racing in our minds we keep on staying at the forefront of eDrive technology.



Performance	
Top speed	135 km/h
Power output of the electric motor	24 kW 17 kW
Drive time (racing mode, depending on race track)	ca. 11 laps ca. 15 laps
eDrive	
Motor	Rotax designed Permanent Magnet Synchronous Motor (PMSM) with integrated transmission
Control Unit	Specifically developed VCU (Vehicle Control Unit)
Batteries	Lithium-ion batteries incl. BMS (Battery Management System) and IMD (Isolation Monitoring Device)
Cooling system	optimised combined air and liquid cooling system
System voltage nominal	350V
E-braking / Recuperation	available
Boost function	available pre-set by ROTAX, operated by the driver
Reverse function	available, operated by the driver
Certification	DEKRA
Charging	AC / CEE16
Chassis	
Supplier/Type	Sodikart / Sodi Sigma DD2
Wheel base	1040 mm
Brakes (hydraulic)	2 front and one rear brake with adjustable brake bias