



- ESTEBAN 10 -

SOLAR CAR



- 2020 CRUISER GT
- 2-PASSENGERS SPORTS CAR
- 10 kW MITSUBA MOTORS
- DIRECT FRONT WHEEL DRIVE
- 330kg

#55



EXTERIOR

- "BLEU FIRE" CUSTOM VINYL WRAP
- SIGNATURE LED HEADLIGHTS
- TAILLAMPS-LED WITH SEQUENTIAL TURN SIGNAL

INTERIOR

- 7" INFOTAINMENT
- ANDROID AUTO & GPS
- DUAL VANITY MIRRORS
- ALCANTERA TRIMMED SEATS
- LEATHER WRAPPED STEERING WHEEL WITH CRUISE CONTROL

FUNCTIONNAL

- 4 WHEELS INDEPENDENT SUSPENSION
- REAR VIEW CAMERA
- SIDE VIEW CAMERAS
- AM/FM & BLUETOOTH
- EV CHARGING PORT
- REGENERATIVE BREAKING

SAFETY

- CARBON FIBER MONOCOQUE
- STEEL ROLL CAGE
- HIGH PERFORMANCE BMS
- 5 POINTS SEI 45.1 HARNESS

Battery Cell Chemistry

Li-ion LG INR18650 MJ1 cells

Solar Cell Chemistry

Maxeon Gen III Solar Cells (Silicium)

Peak Solar Array Power Estimate

1271 W

Motor Type

M2096D-III Mitsuba hub motors

Wheels Type

Nomura carbon fiber rims

Chassis Type

Composite material sandwich panels

Roll Cage Type

AINSI 4130 steel tubular frame

Seat Belt Type

5-points harness

Braking System

2 independent hydraulic systems

Parking Brake

Independent cable system

Total MSRP
\$555 000.00

This label is affixed pursuant to the Federal Automobile Information Disclosure Act. Gasoline, License, and Title Fees, State and local taxes are not included. Dealer installed options or accessories are not included unless listed above



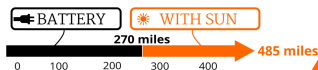
ENERGUIDE

Solar Hybrid Vehicle

CHARGING TIME

Regular (120 volts)	4 h
Fast (240 volts)	2 h
Solar	7 h

DRIVING RANGE



BATTERY SPECS

Voltage 109.5 V

Configuration 30s24p

Capacity 9,2 kWh

Weight 35 kg

Estimates based on track data from tests.
Vehicle's range may vary.

For more information visit
esteban.polymtl.ca



SPEED STATISTICS

PEAK SPEED

Maximum speed provided by motors on 0% slope

70 mph

OPTIMAL SPEED

Speed that allows the highest driving range and best consumption statistics

31 mph

CRUISING SPEED

Average speed driven during competitions and rallies

40 mph



POLYTECHNIQUE
MONTREAL



FACEBOOK



INSTAGRAM