



22.5KW

383.5ft-lbs

68.3mph

Range (@31mph)

74.5 miles*

Battery Capacity 104V/55Ah

^{*} Range and max speed parameters vary by factors like load, temperature, speed, terrain, etc. The above parameters are measured under conditions with rider weight 154lbs, ambient temperature 80°F, speed 31mph, dry and flat road.



STORM BEE GENERAL SPECIFICATION

Dimensions 81.8*32.4*48.8in Dry/Crub Weight 209/279lbs Carrying Capacity 165lbs Seat Height 37in Ground Clearance 12.2in 56.2in Wheel Base 11.4in Front Fork Travel Rear Shock/Wheel Travel 4.5/11.4in

FOC Sinewave Controller

PMSM

10kw Rated Power Maximum Power(Motor) 22.5kw 68.3mph Top Speed 74.5miles@31mph Max. Range

Charge Time

Color

Battery Type Riding Mode Frame Material

104V/55ah lithium-ion removable battery pack Eco / Rain / Sport mode + "Turbo " mode forged aluminium alloy

SRTC(Surron Traction Control System For Off-Road)

BERS(Surron Adjustable Energy Regenerative System)

Max. Torque (on wheel) 383.5ft-lbs



Power System







1."TURBO" MODE

Activate the TURBO mode will makes the motor burst out extra power compared to the full power on SPORTS mode. Unleash the "storm" side of the storm bee.

2. SRTC

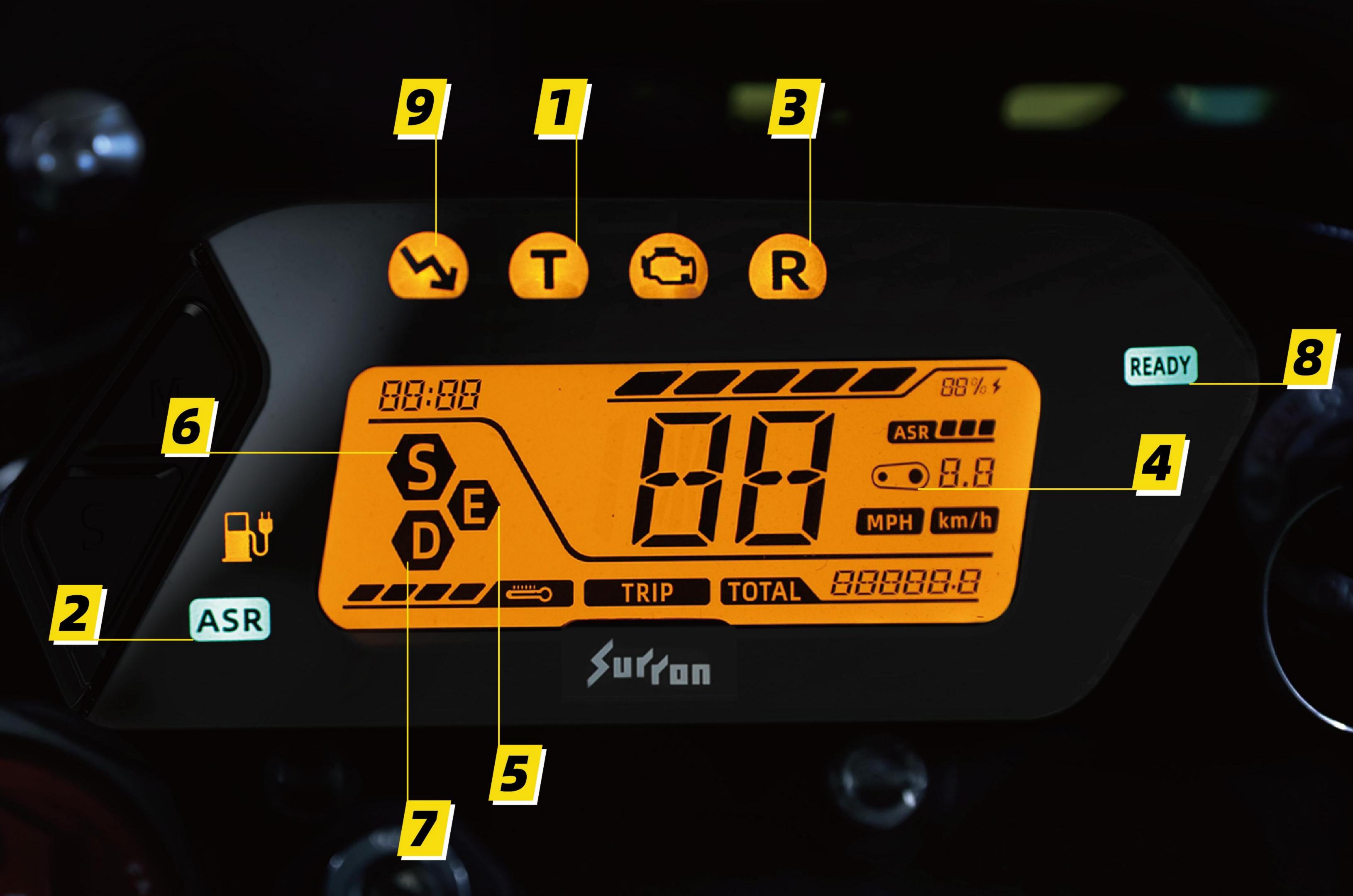
SURRON Traction Control system, Derived from Surron Crosscountry Game, it was designed for Storm Bee, works on rear spinning instant value, and also on its variation, intercepting grip loss more smart and reducing slipping peaks, which gives your more confident on the off-road riding.

3. REVERSE GEAR

Reverse assistant is a complex feature in dirt bike but comes as standard in the Storm bee. This feature makes it easier to manoeuvre in the limited space no matter you are in city or wild.

4. TRANSMISSION RATIO SETTING

The transmission ratio can be adjusted between 0.7 to 1.5, adjust the transmission ratio according to different wheels and sprocket size to make sure the speedometer always shows the correct speed.



5. ECO MODE

Limited the power output in the most efficient area, ECO mode will maximize the range of the Storm bee. No more range anxiety, enjoy your riding only.

6. SPORT MODE

Turn on the SPORTS mode makes the Storm bee much more aggressive. Power just keeps storming out and ready to experience the purest Storm Bee.

7. DAILY/RIAN MODE

The power output of the Storm bee is more gentle and smoother while the ASR activate more frequently, prevent the rear wheels slipping on wet and slippery roads, makes your ride safe on the road.

8. READY INDICATOR

The indicator illuminates when the bike is live or ready to move, the indicator flashes if the throttle is actuated and the bike is moving.

9. LOWPOWER INDICATOR

Indicator the condition of the power system, remain flashing when power system enter low power mode.

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Use different riding mode to adapt different road conditions. ECO mode can maximize the range for

you; RAIN mode will gently generate power to protect you from potential riding hazards; SPORTS mode

can output full power and excites all your nerve fibres, and don't forget the furious "TURBO" mode. No

matter it is dirt track, off-road trail or racing circuit, you can all rely on your Storm Bee.

BERS OFF-ROAD TRACTION CONTROL SYSTEM

The riding traction control system is independently developed by Sur-on. It is a multi-level adjustable system and can be adjusted easily during riding to adapt to various road conditions, to obtain maximum grip at all time and make cornering more secure.

BERS E-BRAKE ENERGY REGENERATIVE SYSTEM

Multi-level adjustable energy regenerative function enhances the motorcycle range and offers you electric fun.



Surron 14

EFFICIENT LIQUID COOLING MCU

New Liquid Cooling System

150V Sine Wave MCU. The brand new liquid cooling system can effectively improve the heat dissipation performance of the MCU and maintain a steady and efficient performance.

Safe Riding

With several temperature sensors embedded in, it can automatically adjust the power output according to the real-time temperature, which can ensure riding safety and extend battery life. Aluminum alloy case can prevent external electromagnetic and radiation interference.

Easy Control

With highly intelligent programming, it is easy to control no matter how much output.

