











# **POWERTRAIN**

# > ERHP(EXTENDED-RANGE HYBRID POWERTRAIN)

1000CC liquid cooled, parallel twin cylinder, 4-stroke, 8 valve, DOHC engine plus electric motor (PMSM), the range-extending powertrain delivers max 181HP and 250N·m instantaneous torque.

ERHP MAX 181HP



1000CC liquid cooled, parallel twin cylinder, 4-stroke, 8valve, DOHC engine, the powertrain delivers max 107HP and 98N·m of instantaneous torque.

**MAX 107HP** 

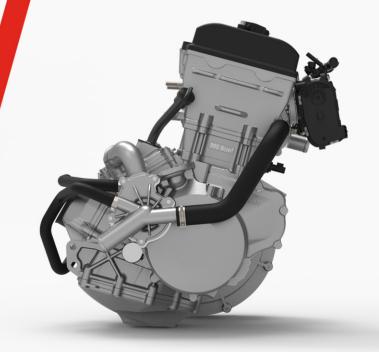
98<sub>N·m</sub> TORQUE



PERMANENT MAGNETIC SYNCHRONOUS MOTOR

250<sub>N·m</sub> TORQUE

Segway Powersports has combined innovative engine technology with a modern EIC system to provide industry-leading hybrid technology for SSV. Together it delivers maximum 181HP and 250N·m torque. The 20C high-rate battery, the hair-pin wire motor and the smart electrical control unit added to the engine provide incredible boost during acceleration.



1000cc

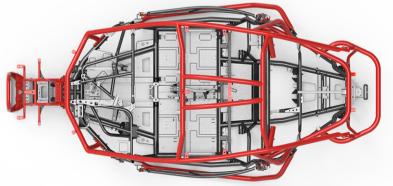




- STANDARD/COMFORT/SPORT

Segway's Smart EPS System is designed with standard/comfort/sport modes that will adjust automatically according to traction conditions. The Segway Villain is ready to conquer any terrain!

#### > HIGH-STRENGTH CHROMIUM-MOLYBDENUM STEEL FRAME.



**AIR SHOCK** 

The Segway Villain is equipped with remote-reservoir front and rear shocks, and with adjustable dual-speed compression and rebound that adapts to any terrain and driving style.. The front suspension is dual A-Arm with a stabilizer bar and 15.7 in./400mm of wheel travel. The rear suspension is a Multi-link Torsional Trailing-Arm with a stabilizer bar and 16.9 in./430mm of wheel travel. With 14.2 inches/360mm of ground clearance the Segway Villain clears obstacles with ease.



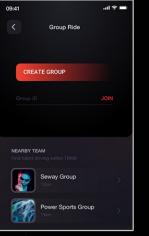
# SMART MOVING

Segway Powersports ignites a brand-new era of Smart Motion in the Off-Road Vehicle industry with innovative IOV technology for SSV. Designed for you to explore and discover. "Fear no place" with thrilling smart motion and smart fun!

### SMART-MOVING APP

With the added value of the incredible Segway Powersports App you can experience the "smart fun" of IOV technology while enjoying wild off-road excitement.













# > SMART COMMANDING SYSTEM(SCS)

Segway Smart Motion includes but not limited to the smart Dual Channel CAN Communication System(SDC), Bluetooth and 4G Data Transfer Unit system(DTU), to form the integrated Smart Commanding System(SCS) of the vehicle, providing updated data to the users. Smart Motion makes intelligent interaction between user and vehicle become a reality.





# **POWERTRAIN**

> PHP(PARALLELED HYBRID POWERTRAIN)

570cc liquid cooled, single cylinder, 4-stroke, DOHC engine plus electric motor (PMSM), the "dual core" delivers max 86HP and 96N·m torque.

PHP MAX 86HP



PERMANENT MAGNETIC SYNCHRONOUS MOTOR 96N·m TORQUE

Segway Powersports has combined innovative engine technology with a modern EIC system to provide industry-leading hybrid tech for ATV. Together it delivers max 86HP and 96N·m torque. The 20C high-rate battery, the hair-pin wire motor and the smart electrical control unit added to the engine provide incredible boost during

#### > COMBUSTION ENGINE

570CC liquid cooled, single cylinder, 4-stroke, DOHC engine delivers max 46HP and 46N·m of torque;

**570CC** MAX **46HP** 



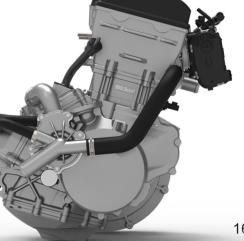
52N·m TORQUE

# **> COMBUSTION ENGINE**

1000CC liquid cooled, parallel twin cylinder, 4-stroke, 8 valve, DOHC engine, the powertrain delivers max 107HP and 98N·m of instantaneous torque.

1000cc





# FRAME AND SUSPENSION 5N/\RLER™> 90.5" (230cm) (154 cm) Wheelbase 57.1" (145 cm) **SWITCHABLE** REAR DIFF-LOCK

#### **DUAL A-ARM INDEPENDENT SUSPENSION**

The Segway Snarler is equipped with adjustable front and rear air shocks that adapt to any terrain and driving style. The front suspension is Dual A-Arm with 7 in./ 180mm travel, the Rear Suspension has 8.3 in./210mm of travel. With 10.7 in./270mm ground clearance the Segway Snarler easily clears obstacles and makes your ride joyful and



#### SMART EPS STANDARD/COMFORT/SPORT

Segway's Smart EPS System is designed with standard/comfort/sport modes that will adjust automatically according to traction conditions. The Segway Snarler is ready to

#### > HIGH-STRENGTH CHROMIUM-MOLYBDENUM STEEL FRAME



## **AUTOMATIC DIFFERENTIAL** FRONT AUTOMATIC DIFF-LOCK WITH 2WD/4WD SWITCH

Auto-locking front differential with switchable 2WD/4WD plus switchable rear diff-lock. From turf to rocks to mud, the Segway Snarler delivers all the traction you need to conquer any terrain.





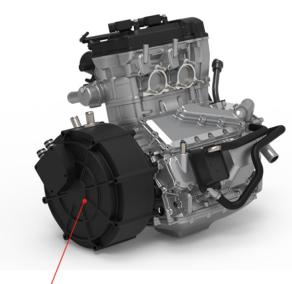
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**ERHP** 

**MAX 181HP** 



250<sub>N⋅m</sub> TORQUE

PERMANENT MAGNETIC SYNCHRONOUS MOTOR

Segway Powersports has combined innovative engine technology with a modern EIC system to provide industry-leading hybrid tech for UTV. Together it delivers max 181HP and 250Nm torque. The 20C high-rate battery, the hair-pin wire motor and the smart electrical control unit added to the engine provide incredible boost during acceleration.

#### > PHP(PARALLELED HYBRID POWERTRAIN)

570cc liquid cooled, single cylinder, 4-stroke, DOHC engine plus electric motor(PMSM), the "dual core" delivers max 86HP and 96N·m of torque.

PHP MAX 86HP
96N·m TORQUE

# **COMBUSTION ENGINE**

PERMANENT MAGNETIC SYNCHRONOUS MOTOR

1000CC liquid cooled, parallel twin cylinder, 4-stroke, 8 valve, DOHC engine, the powertrain delivers max 107HP and 98N·m of instantaneous torque.

1000cc MAX 107HP







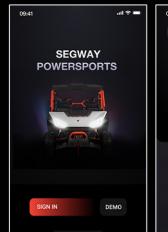


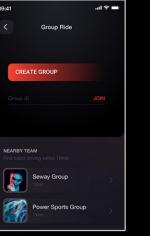
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gway Powersports Products Line	SNARLER 570AH	SNARLER 570AF S	SNARLER 570AF L	SNARLER 1000AF	FUGLEMAN 570UH	FUGLEMAN 1000UH	FUGLEMAN 1000UF	VILLAIN 1000SH	VILLAIN 1000SF
Powertrain	Hybrid	Fuel Engine	Fuel Engine	Fuel Engine	Hybrid	Hybrid	Fuel Engine	Hybrid	Fuel Engine
Engine/Motor Type	570cc, 4-Stroke Single-Cylin- der,DOHC Engine + PMSM(Perma- nent Magnet Synchronous Motor)	570cc, 4-Stroke Single-Cylinder, DOHC Engine	570cc, 4-Stroke Single-Cylinder, DOHC Engine	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine	570cc, 4-Stroke Single-Cylin- der,DOHC Engine + PMSM(Perma- nent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylin- der,DOHC Engine + PMSM(Perma- nent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine	1000cc, 4-Stroke Twin-Cylin- der,DOHC Engine + PMSM(Perma- nent Magnet Synchronous Motor)	1000cc, 4-Stroke Twin-Cylinder, DOHC Engine
Horsepower	86 hp	46 hp	46 hp	107 hp	86 hp	181 hp	107 hp	181 hp	107 hp
Torque	96 N.m	52 N.m	52 N.m	98 N.m	96 N.m	250 N.m	98 N.m	250 N.m	98 N.m
Drive System	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD	On-Demand 2WD / 4WD
Front Axle	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock	Automatic Diff-Lock
Rear Axle	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)	Rear Diff-Lock (Optional)
Engine Braking System (EBS)	V	V	٧	٧	٧	V	٧	٧	٧
Front Suspension&Travel	Dual A-Arm; Front Travel:7" (18cm)	Dual A-Arm; Front Travel:7" (18cm)	Dual A-Arm; Front Travel:7" (18cm)	Dual A-Arm; Front Travel:7.9" (20cm)	Dual A-Arm; Front Travel:11"(28cm)	Dual A-Arm; Front Travel:11"(28cm)	Dual A-Arm; Front Travel:11"(28cm)	Dual A-Arm with Stabilizer Bar; Front Wheel Travel:15.6" (40cm)	Dual A-Arm with Stabilizer Bar; Front Wheel Travel:15.6" (40cm)
Rear Suspension&Travel	Dual A-Arm; Rear Travel: 8.3" (21cm)	Dual A-Arm; Rear Travel: 8.3" (21cm)	Dual A-Arm; Rear Travel: 8.3" (21cm)	Dual A-Arm; Rear Travel: 9.2" (23.5cm)	Dual A-Arm; Rear Travel:11" (28cm)	Dual A-Arm; Rear Travel:11" (28cm)	Dual A-Arm; Rear Travel:11" (28cm)	Multi-link Trailing-Arm with Stabilizer Bar; Rear Wheel Travel: 16.7" (43cm)	Multi-link Trailing-Arm with Stabilizer Bar Rear Wheel Travel: 16.7" (43cm)
Wheels	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device(Optional)	Steel / Aluminum with Beadlock Device (Optional)	Steel / Aluminum with Beadlock Device (Optional)	Aluminum with Beadlock	Aluminum with Beadlock
Tires	Front Tires 25 x 8-12 / 26 x 8-12 (Optional) Rear Tires 25 x 10-12 / 26 x 10-12 (Optional)	Front Tires 25 x 8-12 / 26 x 8-12 (Optional) Rear Tires 25 x 10-12 / 26 x 10-12 (Optional)	Front Tires 25 x 8-12 / 26 x 8-12 (Optional) Rear Tires 25 x 10-12 / 26 x 10-12 (Optional)	Front Tires 26 x 9-14 / 27 x 9-14 (Optional) Rear Tires 26 x 11-14 / 27 x 11-14 (Optional)	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)	Front Tires 27 x 9-14 / 28 x 9-14 (Optional) Rear Tires 27 x 11-14 / 28 x 11-14 (Optional)	Front Tires 29×9.0R-14 / 30×10R-14 (Optional) Front Tires 29×9.0R-14 / 30×10R-14 (Optional)	Front Tires 29×9.0R-14 / 30×10R-14 (Option Front Tires 29×9.0R-14 / 30×10R-14 (Option
Smart Commanding System(DTU+SDC)	٧	٧	٧	٧	٧	٧	٧	٧	V
Dashboard	Digital	Digital	Digital	Digital	Digital / TFT (Optional)	Digital / TFT (Optional)	Digital / TFT (Optional)	TFT	TFT
Smart Touch Screen	/	/	/	/	10.4" (Optional)	10.4" (Optional)	10.4" (Optional)	10.4" (Optional)	10.4" (Optional)
Smart-Moving App	٧	٧	٧	٧	٧	٧	٧	٧	V
Vehicle Size (Length/Width/Height)	90.5 x 49.2 x 60.6" (230 x 125 x 154 cm)	84.6 x 49.2 x 60.6" (215 x 125 x 154 cm)	90.5 x 49.2 x 60.6" (230 x 125 x 154 cm)	92.5 x 50.4 x 61" (235 x 128 x 155 cm)	124 x 62.2 x 82.7" (315 x 158 x 210 cm)	124 x 62.2 x 82.7" (315 x 158 x 210 cm)	124 x 62.2 x 82.7" (315 x 158 x 210 cm)	131.1 x 64.1 x 66.5" (333 ×163 ×169 cm) 131.1 x 72.8 x 66.5" (333 × 185 × 169 cm)	131.1 x 64.1 x 66.5" (333 × 163 × 169 cm) 131.1 x 72.8 x 66.5" (333 × 185 × 169 cm)
Ground Clearance	10.6" (27 cm)	10.6" (27 cm)	10.6" (27 cm)	10.6" (27 cm)	13.8" (35 cm)	13.8" (35 cm)	13.8" (35 cm)	14.2" (36 cm)	14.2" (36 cm)
Seat Height	36.6" (93 cm)	36.6" (93 cm)	36.6" (93 cm)	35.8" (91 cm)	20.5"(52cm)	20.5"(52cm)	20.5"(52cm)	6.3" (16cm)	6.3" (16cm)
Wheelbase	57.1" (145 cm)	51.2" (130 cm)	57.1" (145 cm)	58.6" (149 cm)	81.1" (206 cm)	81.1" (206 cm)	81.1" (206 cm)	102.4" (260 cm)	102.4" (260 cm)
Dry Weight	1012 lb (460 kg)	792 lb (360 kg)	847 lb (385 kg)	979 lb (445 kg)	1650 lb (750 kg)	1870 lb (850 kg)	1694 lb (770 kg)	1936 lb (880kg)	1694 lb(770kg)
Fuel Capacity	6.6gal (25 L)	6.1 gal (23 L)	6.1 gal (23 L)	6.6 gal (25 L)	11.9 gal (45 L)	11.9 gal (45 L)	11.9 gal (45 L)	10.6 gal (40 L)	10.6 gal (40 L)
Front/Rear Rack Capacity	Front:88lb (40kg) / Rear: 176lb (80kg)	Front:88lb (40kg) / Rear: 176lb (80kg)	Front:88lb (40kg) / Rear: 176lb (80kg)	Front:88lb (40kg) / Rear: 176lb (80kg)	1	1	1	/	1
Bed Box Capacity	1	1	/	1	550 lb (250 kg)	550 lb (250 kg)	308 lb (140 kg)	308 lb (140 kg)	308 lb (140 kg)
Payload Capacity	594 lb (270kg)	429 lb (195kg)	594 lb (270kg)	594 lb (270kg)	1227.6 lb (558 kg)	1227.6 lb (558 kg)	748 lb (340 kg)	748 lb (340 kg)	748 lb (340 kg)
Towing Capability	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Smart Electronic Power Steering(EPS)	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport	Three Modes: Standard / Comfort / Sport
Frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel frame	High-strength chromium-molybdenum steel f
Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling System	Duel Oil Column Piston Cooling System + Liquid & Oil Heat Exchange Cooling Syste
Lights	LED	LED	LED	LED	LED	LED	LED	LED	LED
Colors	To Be Defined	To Be Defined	To Be Defined	To Be Defined	To Be Defined	To Be Defined	To Be Defined	To Be Defined	To Be Defined
Seats	2 Seats	1 Seats	2 Seats	2 Seats	3 Seats	3 Seats	3 Seats	2 Seats	2 Seats





