

# Deepal S7 Chinese Electric SUV PHEV EV Hybrid Electric Vehicle Assisted Driving Level L2

#### **Basic Information**

• Place of Origin: China

• Brand Name: Green Energy Box

Model Number: Deepal S7



### **Product Specification**

Manufacturer: CHANGANLevel: Medium SUVEnergy Type: PHEV/EV

• Assisted Driving Level: L2

Body Structure: 5-door, 5-seater SUVCLTC/NEDC Pure Electric 520KM-620KM

Cruising Range:

• Highlight: Deepal S7 PHEV EV,

Deepal S7 Chinese Electric SUV, Deepal S7 hybrid electric vehicle



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#### **Product Description**

Deepal S7 new energy SUV, available in PHEV/EV versions, with a comprehensive range of up to 1120KM

Deepal S7 Positioned as a mid-sized SUV, the dimensions of the Deepal S7 are 4750mm/1930mm/1625mm, with a 2900mm wheelbase.

The Deepal S7 EV's rear-mounted permanent magnet synchronous motor offers two power configurations. The low-power version can reach 160 kW while the high-power version can rach 190 kW. The peak torque is 320 Nm. The 0-100 km/h acceleration times are 6.7 and 7.5 seconds, respectively. The battery capacities are 66.8 kWh and 79.97 kWh, respectively; and the corresponding CLTC pure electric cruising ranges are 520 km and 620 km, respectively. Additionally, its top speed is 180 km/h and the power consumption per 100 km is 14.2 kWh.

The Deepal S7 EREV has only one power configuration. Its motor power can reach 175 kW and the torque is also 320 Nm; the engine is a 1.5L naturally aspirated engine with a power up to 70 kW. The lithium iron phosphate battery capacities are 18.99 kWh and 31.73 kWh, respectively; and the CLTC pure electric cruising ranges are 120 km and 200 km, respectively. The comprehensive range with a full tank and full charge is 1040 km and 1120 km, respectively. Additionally, its fuel consumption is as low as 4.95L/100km, and the acceleration time from 0 – 100km/h is 7.6 seconds.

Coming to the interior, the AR-HUD holographic augmented reality system replaces the traditional LCD instrument panel. The 15.6-inch floating central control screen supports a maximum left and right rotation of 15 degrees. The computing platform is supported by a built-in Qualcomm Snapdragon 8155 chip. In addition, the co-pilot has access to a 12.3-inch smart screen for entertainment.

In terms of safety, Deepal S7 supports advanced driving assistance functions such as adaptive cruise control and autonomous lane change & lane centering.

## **Specification**

Basic parameters	Dark Blue S7 2023 121 Pro Extended Edition	Dark Blue S7 2023 200Max Extended Edition	Dark Blue S7 2023 520Max pure electric version	Dark blue S7 2023 620Max pure electric version
manufacturer	Dark Blue Car	Dark Blue Car	Dark Blue Car	Dark Blue Car
level	Medium SUV	Medium SUV	Medium SUV	Medium SUV
Energy type	Add program	Add program	Pure electric	Pure electric
engine	1.5L/L4/95HP	1.5L/L4/95HP	-	-
Motor	Increase program/238 horsepower	Increase program/238 horsepower	Pure electric/258 horsepower	Pure electric/218 horsepower
transmission case	Electric vehicle single speed transmission	Electric vehicle single speed transmission	Electric vehicle single speed transmission	Electric vehicle single speed transmission
Maximum horsepower of motor (PS)	238	238	258	218
Total power of motor (kW)	175	175	190	160
Total torque of motor (N · m)	320	320	320	320
WLTC pure electric range (km)	90	160	-	-
CLTC pure electric range (km)	121	200	520	620
Battery charging time	Fast charging: 0.5 hour, slow charging: to be determined	Fast charging: 0.5 hour, slow charging: to be determined	Fast charging: 0.59 hours, slow charging: undetermined	Fast charging: 0.59 hours, slow charging: undetermined

Fast charging capacity (%)	80	80	80	80		
Power consumption per hundred kilometers (kWh/100km)	14.3	14.5	14.2	14.4		
Body type	5-door 5-seat SUV	5-door 5-seat SUV	5-door 5-seat SUV	5-door 5-seat SUV		
long × wide × Height (mm)	4750×1930×1625	4750×1930×1626	4750×1930×1627	4750×1930×1628		
Wheel base (mm)	2900	2900	2900	2900		
Maximum speed (km/h)	180	180	180	180		
Official 0- 100km/h acceleration (s)	7.6	7.7	6.7	7.5		
Official 0-50km acceleration (s)	3.1	3.16	3.1	3.26		
CLTC comprehensive fuel consumption (L/100km)	1.02	0.63	-	-		
body						
Front track width (mm)	1640	1640	1640	1640		
Rear track width (mm)	1650	1650	1650	1650		

















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