

SY215E

Rated power: 150 kW / 1,800 rpm
Overall weight: 23,200 kg
Standard bucket capacity: 1.1 m³

Intelligent Pure Electric, Best Choice



High-power motor

The customized permanent magnet synchronous motor has the advantages of high power density, high torque density, high efficiency, excellent safety and reliability, and low energy consumption.



Dynamic Optimization Intelligent Control System

Equipped with a fully electronic control "positive flow" system and "DOMCS" dynamic optimization intelligent control system, it exhibits improved efficiency and reduced energy consumption.



High-performance Battery

It uses high-performance lithium-ion batteries with a design service life of more than ten years. It offers a comprehensive battery life of 6-10 h on a single charge.

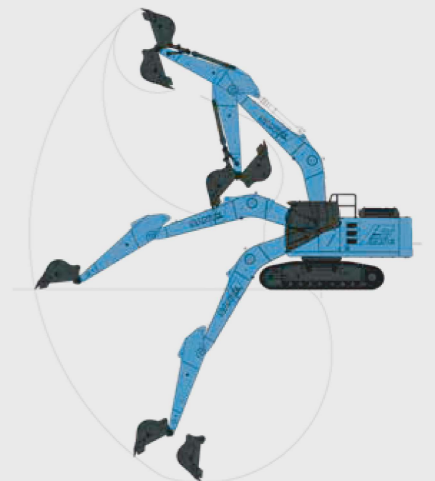
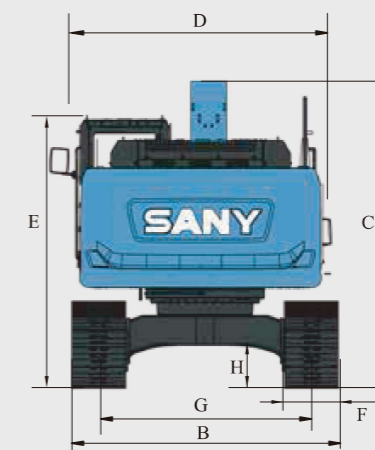
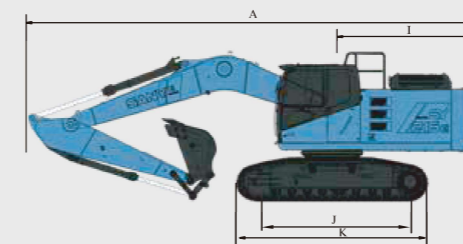


Intelligent and Convenient Charging

It comes with 2 national standard charging ports and supports DC fast charging; high-power split or integrated DC fast charging piles are available, charging time: ≤ 1.5 h.



Specification	SY215E	Overall dimensions (mm)	SY215E	Operating range (mm)	SY215E
Overall weight	23200kg	A. Overall length	9910	a. Max. digging height	9600
Bucket capacity	1.1/0.9m ³	B. Overall width	2980	b. Max. dumping height	6730
Rated energy storage capacity	422 kWh (CATL) / 423 kWh (Gotion)	C. Overall height (during transportation)	3440	c. Max. digging depth	6255
Comprehensive battery life	6-10h	D. Superstructure width	2875	d. Max. digging distance	10280
Motor	CRRC permanent magnet synchronous AC motor	E. Overall height (to cab top)	3075	e. Min. slewing radius	3730
Rated power	150kW/1850rpm	F. Standard track shoe width	600	f. Max. height at Min. slewing radius	7680
Travel speed (high/low)	5.4/3.3(km/h)	G. Track gauge	2380		
Slewing speed	12.5 rpm	H. Min. ground clearance	440		
Traction	220kN	I. Tail slewing radius	3125		
Gradeability	70%(35°)	J. Ground contact length of track	3445		
Bucket digging force	138kN	K. Track length	4250		
Arm digging force	103kN				



Note: Due to the continuous advancement of technology, the technical parameters and configuration may differ from the actual product; please refer to the actual delivered equipment. Additionally, the machines shown in the pictures may include optional attachments.