



SANY



SY19E

Battery capacity

24kW·h

Bucket capacity

0.04 m³

Operating weight

2050kg



Quiet environmental protection



Fast charging



Convenient charging



Safe and reliable

- ◆ Quiet environmental protection: zero emission, low noise.
- ◆ Fast charging: minimum charging time < 1h, 3-7 hours of battery life.
- ◆ Convenient charging: Support DC charging pile, mobile charging bank, industrial power, civil power and other charging modes.
- ◆ Safe and reliable: Customized electric driver system, industry-leading, with a 5-year or 8,000-hour warranty.

Technical specifications

Specification		Main performance	
Operating weight	2050 kg	Traveling speed (high and low)	3.2/2.3 (km/h)
Bucket capacity	0.04 m ³	Gyration speed	10 r/min
Electromotor	Permanent magnet synchronization	Grade ability	50.6 %
Weight of motor	26 kg	Ground pressure	0.028 mPa
Rated power	10 kW/2000 rpm	Bucket digging force	15.2 kN
Peak power	18 kW	Digging force of bucket bar	9.2 kN
Nominal torque	44 N·m	The main pump delivery	30 mL/r
Power battery	lithium iron phosphate	Maximum system flow	90 L/min
Reference voltage	358 V	Main relief valve pressure	24.5 mpa
Standard capacity	67 A·h	Overload working pressure	27mpa
Battery capacity	24 kW·h		

Machine dimensions

Overall size(mm)	SY19E	Scope of operation(mm)	SY19E
A. Total length (during transportation)	3624	a. Maximum digging height	3665
B. Total width	980/1350	b. Maximum unloading height	2635
C. Total height (during transportation)	2440	c. Maximum digging depth	2360
D. Width of cab	980	d. Max. vertical digging depth	2215
E. Shovel bucket height	270	e. Maximum digging radius	4000
F. Track width	230	f. Min. gyration radius	1655
G. Track gauge	750/1120	g. Max. height at min. gyration radius	2745
H. Min. ground clearance	160	h. Max. ground clearance with the shovel bucket lifted up	310
I. Tail gyration radius	920	i. Max. sinking depth of shovel bucket	320
J. Grounding length of track	1225		
K. Track length	1585		

