

SY35E

SANY

 **VERTU EQUIPMENT**



FULL POWER, WHISPER QUIET

EFFICIENT. COST-EFFECTIVE. QUIET.



**FULLY ELECTRIC
MINI EXCAVATOR
SY35E**

Engine
VMAX
Continuous power
18 kW / 2200 rpm
Bucket capacity
0.12 m³
Operating weight
4 300 kg

SY35E



Support a full working day



Safety and reliability



Convenient charging

◆ With a battery life of 5-7 hours and a 45 minute charging capability (80%), a productive full days operation can be achieved with ease.

◆ Short-tail and compact design structure allows for increased safety on site.

◆ Our automotive standard charging allows convenient access to public charging stations.



Battery capacity

70 kW·h

Bucket capacity

0.12 m³

Operating weight

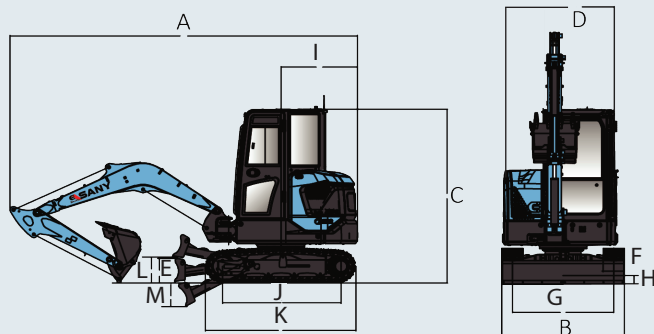
4300 kg

Specification

Operating weight	4300 kg
Bucket capacity	0.12 m³
Electromotor	Permanent magnet synchronization
Weight of motor	50 kg
Rated power	18 kW/2200 rpm
Peak power	27 kW
Nominal torque	80 N·m
Power battery	Lithium iron phosphate
Reference voltage	405.72 V
Standard capacity	173 A·h
Battery capacity	70 kW·h

Overall size (mm)

A. Overall length (during transportation)	4920
B. Overall width (during transportation)	1720
C. Overall height (during transportation)	2615
D. Upper Width	1565
E. Blade height	350
F. Track shoe width	300
G. Track gauge	1420
H. Min. ground clearance	295
I. Tail swing radius	1100
J. Distance between tumblers	1670
K. Track length	2155
L. Highest position dozer blade	375
M. Lowest position dozer blade	370



Main performance

Swing speed	10 rpm
Traveling speed (high/low)	4.2/2.4 (km/h)
Ground pressure	38 kPa
Grade ability	30°
Bucket digging force	26.5 kN
Arm digging force	19.9 kN
Main pump delivery	40 cc/r
Maximum system flow	88 L/min
Main relief valve pressure	24 Mpa
Overload working pressure	28 Mpa

Working range (mm)

a. Max. digging height	4865
b. Max. dumping height	3445
c. Max. digging depth	3115
d. Max. vertical digging depth	2640
e. Max. digging reach	5480
f. Min. swing radius	2475
g. Max. digging reach at ground level	5400

