



SANY Robotics Technology Co., Ltd.
Make Material Handling More Efficient, Greener, and Smarter

SCP80C6

SANY High-voltage Lithium Battery-powered Counterbalanced Forklift



Gradeability
>20%

Travel Speed
>20km/h

Voltage Platform
386v

Standard Battery Power
77kW·h

Maximum Lifting Speed (Full Load)
>350mm/s

Standard Compressor Water Cooling
CATL Battery

Highlights



High-End Configuration:

- Standard features include a fully enclosed cab, panoramic glass, HVAC system, suspension seat, electric proportional joystick control, 10-inch smart display, and rearview camera, significantly enhancing driving comfort.



Powerful Performance:

- Equipped with a high-power Permanent Magnet Synchronous Motor (PMSM), it delivers robust "Double 20" power for full-load climbing and driving. Featuring an S9 duty cycle and long battery life, it meets diverse operational requirements.



All-Weather Operation:

- The core electric powertrain components (battery, motor, and controller) are IP67-rated waterproof, making the vehicle resistant to heavy rain and high-dust environments and adaptable to various extreme conditions.



Convenient Maintenance:

- The tilting cab design significantly improves the ease and accessibility of maintenance work.



High-Voltage Fast Charging:

- Features CATL standard box batteries with standard compressor-based liquid cooling and an extended warranty of 5 years or 10,000 hours. Supports 1-hour high-voltage fast charging for rapid energy replenishment, satisfying the demands of all-day operations.



Vehicle Intelligence:

- Boasts advanced intelligence, equipped with a forklift cloud platform and functions such as hill-start assist, driver posture monitoring (DSM), facial recognition, and a rearview camera.



Container Entry Operation:

- With an overall height of less than 2,540 mm, it meets the requirements for container entry operations, greatly expanding the forklift's working scenarios.



Extended Endurance:

- Equipped with a 100 kWh liquid-cooled battery, it offers a maximum runtime of up to 6 hours.