



NEW PRODUCT HIGHLIGHT

| M700 DC PUMP MOTOR CONTROLLER

APPLICATIONS

Mobile Industrial Equipment – Slab Scissor Lifts

Battery-powered scissor lifts utilize a DC pump motor for the hydraulic function of the lift if using DC wound motors. A hydraulic pump in conjunction with a pump motor powers the lift and steer functions that operate the scissor lift. Sensata's M700 DC pump motor controller provides programmable control of the pump motor by providing interfacing with the ECU and containing proprietary algorithms to support battery optimization and safety.



PROGRAMMABLE AND FLEXIBLE

Supports multiple throttle types and high pedal disable (HPD).



BUILT-IN TROUBLESHOOTING

External status LED for system troubleshooting via flash codes.



CANopen

CAN communication with main controller (ECU)



SAFE AND RELIABLE

Redundant design. MOSFET short-circuit protection function and contactor protections.



POWERFUL PERFORMANCE

Short duration boost capability. Advanced algorithms to optimize battery life.

ORDERING OPTIONS

Part Number	Product	Description
M700-VR1	M700	Motor Controller

Recommend to choose a kit product K310, K500, K520 series including Sensata Platform Control Unit (PCU), Electronic Control Unit (ECU) and Motor Controller (MC) for reliable application.

CONTACT US

INDUSTRIAL SOLUTIONS DIVISION

Americas

+1 (800) 350 2727
sales@sensata.com

Europe, Middle East & Africa

+359 2 804 71 65
ost-info.eu@sensata.com

Asia Pacific

sales.isasia@list.sensata.com
China +86 (21) 2306 1500
Japan +81 (45) 277 7117
Korea +82 (31) 601 2004
India +91 (80) 67920890
Rest of Asia +886 (2) 27602006 ext 2808