

# SK SERIES



## DC MOTOR CONTROLLER

For Series Motor and Permanent Magnet Motor

12 - 48 VDC 150 - 300A

### DESCRIPTION:

Stars SK-series series motor controllers are perfect for systems requiring peak currents from 50A to 300A and system voltages from 12VDC to 48VDC. Stars SK-Series electronic motor speed controllers are designed to provide smooth, silent, cost-effective control of motor speed and torque of electric vehicles.

### APPLICATIONS:

Small pallet trucks, sweepers, scissor lifts, golf carts, electric staker, platform truck, marine and other electric vehicles fitted with Series DC motors.



### GRNERAL FEATURES INCLUDE:

- High Frequency Switching- Noiseless Operation
- Mosfet Power Technology -provides high efficiency (reduce motor and battery losses)
- Microprocessor Logic
- Status Indicator (LED)
- Protection : Overheat, Overcurrent & Low Voltage Protection
- High pedal disable prevents controller operation if key is turned on while throttle is applied.
- Undervoltage cutback function protects against low battery voltage.
- Simple installation with no adjustments required.
- Push on connectors for control wiring.

### SPECIFICATIONS:

- Operating Frequency : 16KHz
- Microprocessor Logic
- LED Display for Diagnostics
- Case : Aluminum alloy, black Finish
- Operating temperature : -30°C to + 50°C
- Storage temperature : -40°C to +70°C
- Protection :Overheat, Overcurrent & Low Voltage Protection

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### PRODUCT FEATURES:

Model	Voltage	Current	2-min cont. current (A)	1-hour cont. current (A)
SK1215-XXX	12V	150A	150A	65A
SK2415-XXX	24V	150A	150A	65A
SK3615-XXX	36V	150A	150A	65A
SK4815-XXX	48V	150A	150A	65A
SK1230-XXX	12V	300A	300A	125A
SK2430-XXX	24V	300A	300A	125A
SK3630-XXX	36V	300A	300A	125A
SK4830-XXX	48V	300A	300A	125A

SKXXX-001 type controller is for throttle 0-5K $\Omega$   
-003 type controller is for throttle 0-5V

### DIMENSIONS:

SK1215 / SK2415 / SK3615 / SK4815



