

SmartView EV Display



CANBus V2.0

- Build-in CANbus protocol V2.0.
- System error code message from controller.
- Individual control LED indicators for different purpose indicators.
- Odometer and total running timer are stored in memory.
- Build-in backlight
- Excellent water resistant, anti-vibration structure.

Handheld Programmer



Handheld Programmer is a powerful and intuitive programming and diagnostic tool.

EV Drive System

The EV drive system could be use in the 800 - 2000kg vehicle and top speed can reach 60kph. The drive system include the control module, AC induction motor, thrtoller, Smartview EV display and axle.



CAN Interface Expansion Module



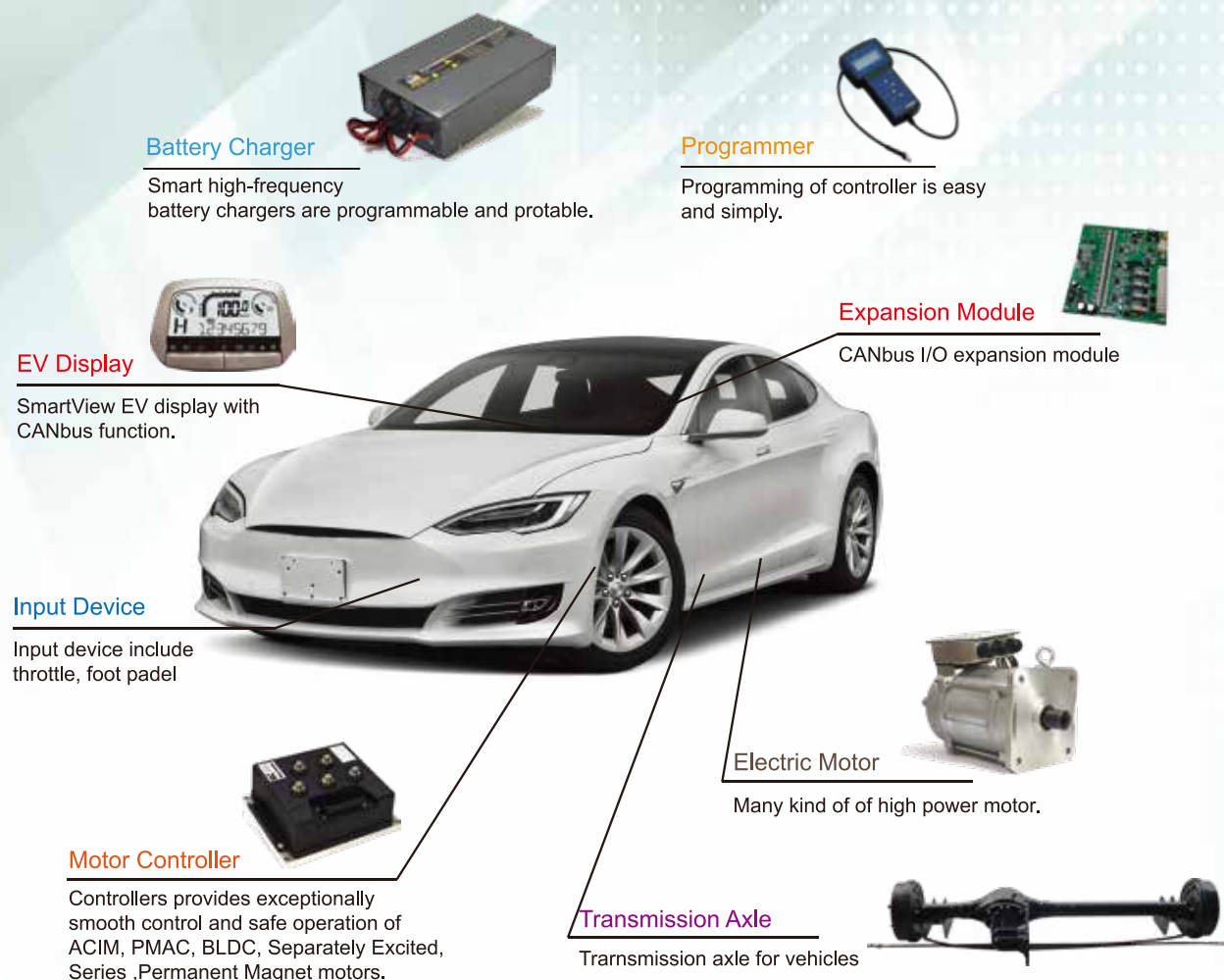
CANbus I/O expansion module provides accurate control of up to 5 fingertip joysticks, or can be used to add additional digital and analog I/O to any CANopen* based control system. Typically used on materials handling trucks, aerial lift platforms, airport ground support equipment, compact construction equipment and sweeper-scrubber floor care machines.

Drive Motors



- AC-Induction motor/ PMAC motor
- Battery Voltage: 24 V ... 144 V
- Output Power(Rating): 1.2 ... 18 kW
- Rated Speed: 2000 ... 58000 rpm
- Air cooled
- Integrated speed and thermal sensor
- Mounted brakes optional

Solutions For Eletric Vehicles



Motor Controller

Controllers provides exceptionally smooth control and safe operation of ACIM, PMAC, BLDC, Separately Excited, Series ,Permanent Magnet motors.



STARS CO., LTD.

OFFICE LOCATION

NO. 16-13, LN. 200, SHANGZHU RD.
LUZHU TOWNSHIP, TAOYUAN, TAIWAN 338
TEL +886-3-3131033
FAX +886-3-3131022
EMAIL : info@starstw.com



太洋産業貿易株式会社
TAIYO SANGYO TRADING & MARINE SERVICE LTD.

【本社】

〒234-0051 神奈川県横浜市港南区日野1-7-8
TEL : 045-846-6300
FAX : 045-846-9920
MAIL : machine@tst-japan.com

【HEAD OFFICE】

1-7-8, Hino, Konan-ku Yokohama-shi,
Kanagawa, 234-0051, Japan
TEL +81-45-846-6300
FAX +81-45-846-9920
MAIL : machine@tst-japan.com



EV Drive System EV Motor Controllers

AC Motor Controllrs, PMAC Motor Controllers, BLDC Motor Controllers, EV Drive System, PM Motor Controllers, Battery Chargers, Motors, Axles, Series Motor Controllers, Input Device.



Reliable

Efficiency



The Clean Energy Future Is Coming,
And It's Coming In A Car We Drive.



EV Products Of STARS

STARS ACIM , PMAC , BLDC Motor Controller

Power 1kW - 18kW Voltage 12V - 144V Current 25A - 600A



A range of controllers (inverters) for the speed and torque control of 3-phase AC motors rated from 1kW to 18 kW. Intended for use as electric traction or hydraulic pump motor controllers for material handling, tricycle, golf car, mobile, on-vehicle applications that use a 12-144VDC nominal battery supply.

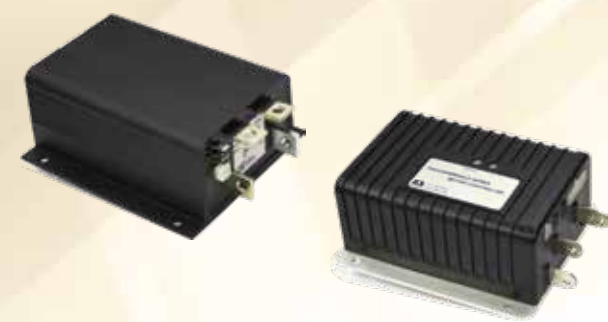
- Advance flux vector control
- CANbus 2.0
- Voltage 12 - 144VDC
- Current 25 - 600A
- Rating Power : 1 - 18kW
- 4 Digital Inputs
- 2 Analog inputs
- 4 Outputs driver
- IP65
- Motor encoder: position sensor
- Motor temperature sensor: KTY84
- Support ACIM/PMAC/BLDC motor

| Model | Voltage (VDC) | 1-min Amp(A) | 60-min Amp(A) |
|-------|---------------|--------------|---------------|
| 60 | 24 | 60 | 30 |
| | 36-48 | 60 | 20 |
| | 24 | 250 | 120 |
| 250 | 36-72 | 200 | 60 |
| | 24 | 350 | 150 |
| | 36-72 | 300 | 120 |
| 450 | 96 | 250 | 90 |
| | 144 | 200 | 80 |
| | 24 | 450 | 200 |
| 400 | 36-72 | 400 | 180 |
| | 96 | 300 | 120 |
| | 144 | 250 | 100 |
| 600 | 24 | 600 | 280 |
| | 36-72 | 600 | 250 |
| | 96 | 400 | 180 |
| | 144 | 400 | 120 |

Contact STARS for correct model for your applications

Enjoy it when you drive it!!!

Series Motor Controller



SKM programmable series motor speed controllers provide efficient, cost-effective, smooth, silent operate for series motor.

- SKM1230 12V/275A
- SKM2430 24V/275A
- SKM4830 36-48V/275A
- SKM7230 72V/275A

Scissor Lift / Hydraulic Pump controller



KCCA0039 and 1216 motor controllers are a low cost, high performance solution for pump motor control applications including scissor lifts, lift trucks, mobile booms, where 24-volt, series motor, speed control is employed.

- KCCA0039 24V/360A
- 1216 24V/360A

PMDC Motor Controller



Four-quadrant, full-bridge power MOSFET design provides superb speed and torque control, solid-state motor reversing and full braking power along with silent, high-frequency and efficient operation.

- PM2405 24V/50A
- PM2420 24V/200A
- PM3620 36V/200A
- PM4815 48V/150A
- PM2410 24V/100A
- PM3610 36V/100A
- PM4808 36V/80A

SepExcited Motor Controller



Stars Separately Excited Motor Controllers are programmable and microprocessor based, with an advanced MOSFET power section for smooth and seamless control of separately excited motors.

- PQ4830 48V/300A
- PQ4840 48V/400A

ACIM controller | PMAC motor controller | BLDC motor controller | Charger Series motor controller | PMDC motor controller | SepExcited motor controller

High Frequency Battery Charger



Advanced, high frequency, switch mode design allows more efficient, faster charging.

- Cooling : Smart Fan
- Wide range AC input (100– 240VAC).
- Output Range :
 - CG1230 12V/30A
 - CG2425 24V/25A
 - CG3620 36V/20A
 - CG4815 48V/15A
 - CG6010 60V/15A
 - CG7210 72V/10A

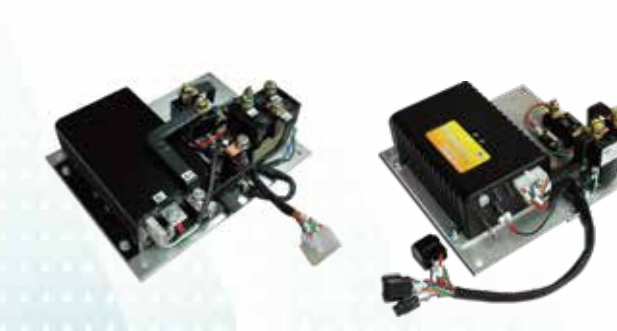
Motor Drive Kits



AC/DC Material handling drive kits - include motor controller, tiller head, drive wheel and battery charger.

- Voltage 24VDC
- Motor Power : 1.2 - 2kW
- Motor Type : AC or DC

EV motor Control Kits



The EV motor control module include the heatsink, motor controller, DC contactor, power fuse, power cable and control wire.

Input Device



Tiller head, Foot padel and accelerator for the electric vehicle. The output signal have 0-5kOhm and 0-5V two type.

Rear Axle



High quality and reliable rear axle for the electric vehicle. The axle sutiable for 800kg - 2500kg vehicles.