

# SAE Model 2 EV Portable Charger



## Introduction

- Flexibly and custom input plug types.
- The control box pannel adopts OLED display function, the current and voltage, the charging state and temperature of the circuit board in real time.
- Applied double color coating technology, custom color of plug and control box.
- Switchable currents, charging appointment.
- Intelligent chip can monitor and repair charging problem automatically.



## Feature

- SAEJ1772 Interface
- IP 55(Plug)
- IP 67(control box)



## Customized

- Coating Color



## Material

- PC+PBT Alloy
- TPU/TPE
- Copper Alloy, Silver Plated
- Silicon Ruber

## Input Plug

- Options



| Product code  | Speed Code | Rated current | Rated Voltage | Cable Specifications                       |
|---------------|------------|---------------|---------------|--|
| AG-T-SM-16P-1 | 5001       | 16A           | 250V          | 3*2.5mm <sup>2</sup> +2*0.5mm <sup>2</sup> |
| AG-T-SM-16P-3 | 5006       | 16A           | 250V          | 3*2.5mm <sup>2</sup> +2*0.5mm <sup>2</sup> |
| AG-T-SM-32P-1 | 5013       | 32A           | 250V          | 3*6mm <sup>2</sup> +2*0.5mm <sup>2</sup>   |
| AG-T-SM-32P-3 | 5018       | 32A           | 250V          | 3*6mm <sup>2</sup> +2*0.5mm <sup>2</sup>   |

## SAE Model 2 Portable Charger

|                   |          |
|-------------------|----------|
| Current           | 16A/32A  |
| Voltage           | 250V     |
| Charging Standard | SAEJ1772 |

## Protections

|                             |     |
|-----------------------------|-----|
| Over voltage Protection     | Yes |
| Under vltage Protection     | Yes |
| Earth leak Protection       | Yes |
| Ground Protection           | Yes |
| Over-temperature Protection | Yes |
| Over load Protection        | Yes |
| Lightning Protection        | Yes |

## Mechanical Properties

|                          |                                 |
|--------------------------|---------------------------------|
| Mechanical Life          | No-load Plug>10000 times        |
| Impact of External Force | 1m Drop and 2t Vehicle Run Over |
| Flame Retardant Grade    | UL94 V-0                        |
| Operating Temperature    | -30°C--+50°C                    |
| Protection               | IP55 IK08                       |
| Insertion Force          | <100N                           |

## Electrical Performance

|                       |                  |
|-----------------------|------------------|
| Insulation Resistance | >1000MΩ (DC500V) |
| Pins Temperature Rise | <50K             |
| Withstand Voltage     | 2500V            |
| Contact Impedance     | 0.5 MΩ MAX       |

## Certificate

|             |              |
|-------------|--------------|
| Certificate | TUV,CE, RoHS |
|-------------|--------------|