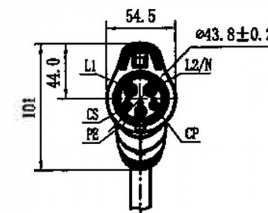
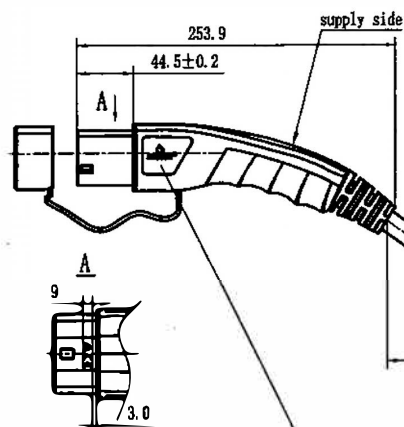
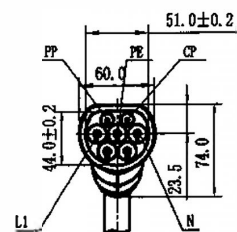


## REVISION RECORD

| REV | ECN | DESCRIPTION | DRFT | DATE |
|-----|-----|-------------|------|------|
|-----|-----|-------------|------|------|



## Wiring diagram

POWER SUPPLY ELECTRIC VEHICLE

|                                    |              |                                    |
|------------------------------------|--------------|------------------------------------|
| L1 2.5mm <sup>2</sup> Brown        |              | L1 2.5mm <sup>2</sup> Brown        |
| N 2.5mm <sup>2</sup> Blue          |              | N 2.5mm <sup>2</sup> Blue          |
| PE 2.5mm <sup>2</sup> Yellow/Green |              | PE 2.5mm <sup>2</sup> Yellow/Green |
| PP                                 |              | CS                                 |
| CP 0.75mm <sup>2</sup> Red         |              | CP 0.75mm <sup>2</sup> Red         |
|                                    | Rc=680 Ω ±3% | R6=150 Ω ±3%                       |
|                                    |              | R7=330 Ω ±3%                       |

## Laser Printing Front Note:



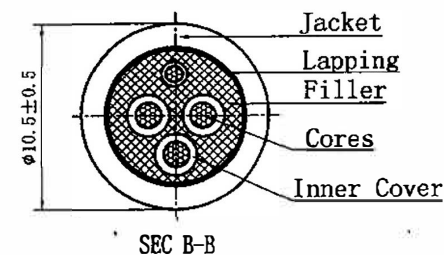
## Laser Printing Back Note(Arial):

MEAC-S-016A-P1-03-5.0M-30AH  
16A 250V AC  
IEC 62196-2:2016  
IP54  
201xxxxx-xxxx

## Laser Printing Front Note(Arial):

MAAC-S-016A-V-03-5.0M-30AH  
16A 250V AC  
IEC 62196-2:2016  
IP54  
201xxxxx-xxxx

## Laser Printing Back Note:



## Technical parameters

|                             |                                                      |
|-----------------------------|------------------------------------------------------|
| Rated voltage               | 250V AC                                              |
| Rated current               | 16A                                                  |
| Temperature range           | -30℃~+50℃                                            |
| Insulate resistance         | >5MΩ, 500V DC 1Min                                   |
| Withstanding voltage        | L, N AND PE, 2500V AC 1Min<br>L AND N, 2500V AC 1Min |
| Ingress protection          | IP54                                                 |
| The insertion/pullout times | 10000 TIMES                                          |
| Insertion/pullout force     | <100N                                                |
| Reference standard          | IEC 62196-2:2016                                     |

Customer Drawing

## NOTES:

1. Cable: IEC 62893-3/EN50620-2017  
EV 3\*2.5mm<sup>2</sup>+1\*0.75mm<sup>2</sup> Black
2. RoHS Compliance

| Size Range  | .XX   | .X    |
|-------------|-------|-------|
| ≤6          | ±0.05 | ±0.10 |
| 6~30        | ±0.10 | ±0.20 |
| 30~120      | ±0.15 | ±0.30 |
| 120~400     | ±0.20 | ±0.50 |
| 400~1000    | ±0.30 | ±0.80 |
| 1000~2000   | ±0.50 | ±1.20 |
| Angle Range | .XX   | .X    |
|             | ±0.5° | ±1.0° |

|                         |                                                                  |                      |           |
|-------------------------|------------------------------------------------------------------|----------------------|-----------|
| PART NO. : /            | 宁波高松电子有限公司<br>NINGBO DEGSON ELECTRICAL CO., LTD                  |                      |           |
| APPD: ZX 2020.1.16      | NAME: EV ELECTRIC VEHICLE AND EV POWER SUPPLY (16A single-phase) |                      |           |
| CHKD: DT 2020.1.16      | MEAC-S-016A-VP1-03-5.0M-30AH                                     |                      |           |
| DRFT: XP 100 2020-01-16 | TITLE: Customer Drawing                                          | REV                  | DO-1      |
|                         | DRAWING NO. : /                                                  | SHEET                | 1/1       |
|                         | MM (INCH)                                                        | DO NOT SCALE DRAWING | SCALE 1:6 |