

# POWERTRONIC

| SPECIFICATION / MODEL |                                  | ZA MS-200-5  | ZA MS-200-12 | ZA MS-200-24 | ZA MS-200-36 | ZA MS-200-48 |
|-----------------------|----------------------------------|--|--------------|--------------|--------------|--------------|
| Output                | DC Voltage                       | 5V   | 12V          | 24V          | 36V          | 48V          |
|                       | Rated current                    | 40A  | 16.5A        | 8.3A         | 5.56A        | 4.2A         |
|                       | Current range                    | 0-40A  | 0-16.5A      | 0-8.3A       | 0-5.56A      | 0-4.2A       |
|                       | DC power                         | 200W   | 200W         | 200W         | 200W         | 200W         |
|                       | Voltage ADJ.range                | ±10%   | ±10%         | ±10%         | ±10%         | ±10%         |
|                       | Voltage tolerance                | ±2%  | ±1%          | ±1%          | ±1%          | ±1%          |
|                       | Ripple and noise                 | 100mVp-p   | 100mVp-p     | 100mVp-p     | 100mVp-p     | 100mVp-p     |
|                       | Intet stability                  | ±0.5%  | ±0.5%        | ±0.5%        | ±0.5%        | ±0.5%        |
|                       | Load stability                   | ±0.5%  | ±0.5%        | ±0.5%        | ±0.5%        | ±0.5%        |
| Input                 | AC voltage range                 | 85~132VAC/170~264VAC selected by switch 47~63Hz  |              |              |              |              |
|                       | Current                          | 3.2A/115V 1.6/230V   |              |              |              |              |
|                       | Efficiency                       | 76%  | 81%          | 82%          | 83%          | 83%          |
|                       | AC Inrush current                | Cold-start current 18A/115V 36A/230V   |              |              |              |              |
|                       | Leakage current                  | < 1mA/240VAC   |              |              |              |              |
| Protection            | Overload                         | Protection type : Constant current limiting, recovers automatically after fault condition is removed |              |              |              |              |
|                       | Over voltage                     | 5.75~6.75  | 13.8~16.2V   | 27.6~32.4V   | 41.4~48.6V   | 55.2-64.81V  |
| Safety                | Setup,rise,hold up time          | 100ms,50ms,20ms  |              |              |              |              |
|                       | Vibration                        | 10~500Hz,2G 10min,/1 cycle   |              |              |              |              |
|                       | Withstand voltage                | Input and output internal:1.5KvAc,input and enclosure:1.5KvAc,Output and enclosure:0.5KvAc           |              |              |              |              |
|                       | Isolation resistance             | Input and output internal:Input and enclosure,Output and enclosure:500VDC/100MΩ                      |              |              |              |              |
| Environment           | Temperature coeffi cient         | ±0.03%/°C (0~50°C )  |              |              |              |              |
|                       | Working temperature and humidity | -10°C ~+60°C,20%~90%RH   |              |              |              |              |
|                       | Store temperature and humidity   | -20°C ~+85°C,10%~95%RH   |              |              |              |              |
| Other                 | Overall dimension                | 200×110×50mm 20pcs/Carton ( common packing )   |              |              |              |              |
|                       | Weight                           | 0.84Kg   |              |              |              |              |
| Certificate           | CE EMC Authenticate              | EN55022:2010 EN61000-3-2:2006+AL:2009 EN61000-3-3:2008   |              |              |              |              |
|                       |                                  | EN55024:2010 EN55015:2006+AL2007+2009 EN61547:2009   |              |              |              |              |