



## SPECIFICATION

| ITEM                    | DC 24V-12V 10A                         |
|-------------------------|----------------------------------------|
| OUTPUT POWER            | 10A CONTINUOUS POWER<br>15A MAX. POWER |
| STANDBY CURRENT         | < 0.02A                                |
| INPUT VOLTAGE           | DC 20V~30V                             |
| OUTPUT VOLTAGE          | DC 12V~13.8V                           |
| EFFICIENCY              | > 90%                                  |
| COOLING                 | BY AIR CONVECTION                      |
| INTPUT POLARITY REVERSE | DIODE PROTECTION                       |
| OUTPUT POLARITY REVERSE | CIRCUIT PROTECTION                     |
| OUTPUT SHORT            | OUTPUT SHORT CIRCUIT PROTECTION        |
| OVER HEATING            | CIRCUIT PROTECTION                     |
| OVER LOAD               | CIRCUIT PROTECTION                     |
| FUSE                    | 10A * 1PC                              |
| DIMENSIONS (L*W*H)      | 70*73*45mm                             |
| NET WEIGHT              | 0.26 Kg                                |



## SPECIFICATION

| ITEM                    | DC 24V-12V 15A                         |
|-------------------------|----------------------------------------|
| OUTPUT POWER            | 15A CONTINUOUS POWER<br>20A MAX. POWER |
| STANDBY CURRENT         | < 0.02A                                |
| INPUT VOLTAGE           | DC 20V~30V                             |
| OUTPUT VOLTAGE          | DC 12V~13.8V                           |
| EFFICIENCY              | > 90%                                  |
| COOLING                 | AUTO-OPERATION FAN                     |
| INTPUT POLARITY REVERSE | DIODE PROTECTION                       |
| OUTPUT POLARITY REVERSE | CIRCUIT PROTECTION                     |
| OUTPUT SHORT            | OUTPUT SHORT CIRCUIT PROTECTION        |
| OVER HEATING            | CIRCUIT PROTECTION                     |
| OVER LOAD               | CIRCUIT PROTECTION                     |
| FUSE                    | 15A * 1PC                              |
| DIMENSIONS (L*W*H)      | 71*73*73mm                             |
| NET WEIGHT              | 0.33 Kg                                |



## SPECIFICATION

| ITEM                    | DC 24V-12V 20A                         |
|-------------------------|----------------------------------------|
| OUTPUT POWER            | 20A CONTINUOUS POWER<br>30A MAX. POWER |
| STANDBY CURRENT         | < 0.04A                                |
| INPUT VOLTAGE           | DC 20V~30V                             |
| OUTPUT VOLTAGE          | DC 12V~13.8V                           |
| EFFICIENCY              | > 90%                                  |
| COOLING                 | AUTO-OPERATION FAN                     |
| INTPUT POLARITY REVERSE | DIODE PROTECTION                       |
| OUTPUT POLARITY REVERSE | CIRCUIT PROTECTION                     |
| OUTPUT SHORT            | OUTPUT SHORT CIRCUIT PROTECTION        |
| OVER HEATING            | CIRCUIT PROTECTION                     |
| OVER LOAD               | CIRCUIT PROTECTION                     |
| FUSE                    | 20A * 1PC                              |
| DIMENSIONS (L*W*H)      | 120*73*73mm                            |
| NET WEIGHT              | 0.6 Kg                                 |



## SPECIFICATION

| ITEM                    | DC 24V-12V 30A                         |
|-------------------------|----------------------------------------|
| OUTPUT POWER            | 30A CONTINUOUS POWER<br>40A MAX. POWER |
| STANDBY CURRENT         | < 0.04A                                |
| INPUT VOLTAGE           | DC 20V~30V                             |
| OUTPUT VOLTAGE          | DC 12V~13.8V                           |
| EFFICIENCY              | > 80%                                  |
| COOLING                 | AUTO-OPERATION FAN                     |
| INPUT POLARITY REVERSE  | DIODE PROTECTION                       |
| OUTPUT POLARITY REVERSE | CIRCUIT PROTECTION                     |
| OUTPUT SHORT            | OUTPUT SHORT CIRCUIT PROTECTION        |
| OVER HEATING            | PROTECTION AUTO RESTART AFTER 5 MIN    |
| OVER LOAD               | CIRCUIT PROTECTION                     |
| FUSE                    | 25A * 1PC                              |
| DIMENSIONS (L*W*H)      | 180*73*73mm                            |
| NET WEIGHT              | 0.72 Kg                                |



## SPECIFICATION

| ITEM                    | DC 24V-12V 40A                         |
|-------------------------|----------------------------------------|
| OUTPUT POWER            | 40A CONTINUOUS POWER<br>50A MAX. POWER |
| STANDBY CURRENT         | < 0.04A                                |
| INPUT VOLTAGE           | DC 20V~30V                             |
| OUTPUT VOLTAGE          | DC 12V~13.8V                           |
| EFFICIENCY              | > 80%                                  |
| COOLING                 | AUTO-OPERATION FAN                     |
| INPUT POLARITY REVERSE  | DIODE PROTECTION                       |
| OUTPUT POLARITY REVERSE | CIRCUIT PROTECTION                     |
| OUTPUT SHORT            | OUTPUT SHORT CIRCUIT PROTECTION        |
| OVER HEATING PROTECTION | PROTECTION AUTO RESTART AFTER 5 MIN    |
| OVER LOAD               | CIRCUIT PROTECTION                     |
| FUSE                    | 30A * 1PC                              |
| DIMENSIONS (L*W*H)      | 180*73*73mm                            |
| NET WEIGHT              | 0.72 Kg                                |