

## Switch Mode Power Supply



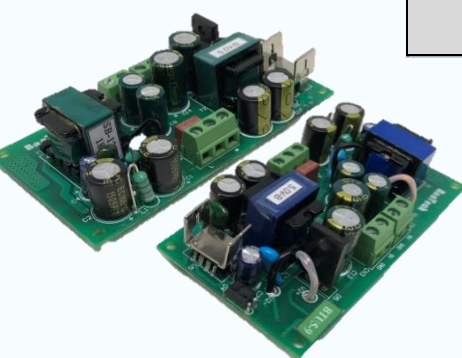
### BTV-Series

Protection System:

- Short circuit protection
- Over current protection
- Over voltage protection
- Temperature protection

| Switching Power Module |                                            |        |         |
|------------------------|--------------------------------------------|--------|---------|
| MODEL                  | BTV520                                     | BTV920 | BTV1220 |
| DC Output              | 5V/2A                                      | 9V/2A  | 12V/2A  |
| Rate Output Power      | 10W                                        | 18W    | 24W     |
| Efficiency             | >75%                                       |        |         |
| Ripple And Noise       | ≤100 mV                                    |        |         |
| Power Voltage          | AC90V~264V                                 |        |         |
| Frequency              | 50/60 Hz                                   |        |         |
| Operating Temperature  | 0°C ~ +55°C                                |        |         |
| Storage Temperature    | -20°C ~ +80°C                              |        |         |
| Dimensions(WxHxD)      | 50x22x60mm [1.97x0.87x2.36 inches] (WxHxD) |        |         |

| USB Smart Charge Modules |                         |                         |                         |
|--------------------------|-------------------------|-------------------------|-------------------------|
| MODEL                    | BTV521                  | BTV524                  | BTQC3.0                 |
| DC Output                | 5V/2.1A                 | 5V/2.4A                 | 3.6~6.5V/3A             |
|                          |                         |                         | 6.5~9V/2A               |
|                          |                         |                         | 9~12V/1.5A              |
| Rate Output Power        | 10.5W                   | 12W                     | 18W                     |
| Efficiency               | >75%                    |                         |                         |
| Ripple And Noise         | ≤100 mV                 |                         |                         |
| Power Voltage            | AC90V~264V              |                         |                         |
| Frequency                | 50/60 Hz                |                         |                         |
| Operating Temperature    | 0°C ~ +55°C             |                         |                         |
| Storage Temperature      | -20°C ~ +80°C           |                         |                         |
| Dimensions(WxHxD)        | 37x21x50 mm             | 47x19x50 mm             | 50x22x60 mm             |
|                          | [1.46x0.83x1.97 inches] | [1.85x0.75x1.97 inches] | [1.97x0.87x2.36 inches] |



### BTU-Series

Protection System:

- Short circuit protection
- Over current protection
- Over voltage protection
- Temperature protection

| Dual Output Switching Power Module |                                    |         |
|------------------------------------|------------------------------------|---------|
| MODEL                              | BTU5-9                             | BTU5-12 |
| DC Output①                         | 5V/2.4A                            | 5V/2.4A |
| DC Output②                         | 9V/2A                              | 12V/2A  |
| Rate Output Power                  | 30W                                | 36W     |
| Efficiency                         | >75%                               |         |
| Ripple And Noise                   | ≤100 mV                            |         |
| Power Voltage                      | AC90V~264V                         |         |
| Frequency                          | 50/60 Hz                           |         |
| Operating Temperature              | 0°C ~ +55°C                        |         |
| Storage Temperature                | -20°C ~ +80°C                      |         |
| Dimensions(WxHxD)                  | 50x22x84mm [1.97x0.87x3.31 inches] |         |

AC input plug: EU, US, UK, China, Japan, AUS types according to customer's choice  
 Output plug: USB max 4-pin micro 1-pin or customer's choice  
 Safety、EMC Standards cooperate with the need of the customer