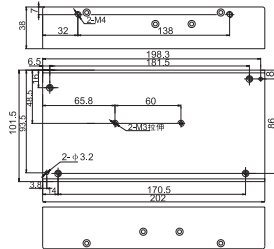


# 150W DC/DC for Bus Battery Charging

- High reliability
- V1 isolated from V2, V3
- V2, V3 common grounded
- 100% full load burn-in test



- Protections: over current/ over voltage/ short circuit
- 1 year warranty
- 202 x 101.5 x 38(mm)



- DC input voltage range ..... 12(10~18)VDC, 24(18~36)VDC  
 Line regulation ..... V1:  $\pm 0.5\%$ ; V2:  $\pm 1.0\%$ ; V3:  $\pm 0.5\%$   
 Output voltage adjust range ..... V1:  $\pm 5\%$  of rated output voltage  
 Output over current protection ..... 105~180%, auto recovery  
 Output over voltage protection ..... 115~150%  
 Withstand voltage ..... I/P-O/P: 1.0KVDC/1min; I/P-F/G: 1.0KVDC/1min  
 O/P-F/G: 0.5KVDC/1min  
 Operating temp. & humidity .....  $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$ , 20%~90%RH (non condensing)  
 Storage temp. & humidity .....  $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$ , 20%~95%RH (non condensing)  
 Safety standards ..... design meet GB4943, UL60950, EN60950  
 Cooling method ..... convection  
 Connection ..... 2P/ 3.96mm pitch  
 12P/ 4.2mm pitch , terminal block

| Model           | DC Output |          | Load regul. | R&N   | Efficiency |
|-----------------|-----------|----------|-------------|-------|------------|
| HF150W-TUD** -A | 5V        | 0.8~4.0A | 1.0%        | 100mV | 80%        |
|                 | 12V       | 0.3~3.0A | 8.0%        | 120mV |            |
|                 | 24V       | 0.0~3.0A | 1.0%        | 150mV |            |
| HF150W-TUD** -B | 5V        | 0.8~4.0A | 1.0%        | 100mV | 80%        |
|                 | 12V       | 0.3~3.0A | 8.0%        | 120mV |            |
|                 | 12V       | 0.0~6.0A | 1.0%        | 120mV |            |