## ■Application

- Low price and hlgh reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-start current can reduce the AC input impact effecticly With short-circuit and overload protection
- Compact size , light weight
- 100%full-load bum-in test
- Installed with EMI filter, mlnlmum wave

## ■Technical paramete

| Model | WSD-30H10B |
|---|---|
| DC outDul voltaae | 24V |
| O utuut voltaae ranoe(Note:2 ) | ± 1% |
| Rated output current | 167A |
| Output current range | 0~167A |
| wave and noise(Note:3) | 400mV p- p |
| Inlet stability(Note:4) | ± 0 . 5 % |
| Load stability(Note:5) | ± 0 . 5 % |
| DC output power | 4000W |
| Efficiency | 86% |
| Adjustable range for DC voltage | ± 10% |
| AC input voltage range | 190~240VAC/47~ 63Hz} |
| Nput current | 20A/230V |
| AC Jn rush current | 50A/230V |
| Leakage current | < 5 mA/240VAC |
| Overload proctection | 105% -- 150%   cut outputspring return,auto retum |
| Over-voltage protection | 115%/135%protect mode:cut output voltage, restart output |
| High-temperature protection | ≥7 0℃ C u t o ff o u t p u t (0 ~ 5 0 V) |
| Temperature coefficient | ± 0 . 0 3% /℃(0 ~ 5 0℃) |
| Setup , rise , hold up time | 1 . 5 s , 5 0m s , 2 0m s |
| Vibtation | 10~500Hz.2G10m in,/1cycle.Pariodfor60min,Eachaxes |
| Withstand voltage | I n p u t a n d e n c l o s u r e : 1 . 5 Kv A C , O u t p u t a n d e n c l o s u r e : 0 . 5 Kv A C |
| Solation resistance | Input and output inte rnal:Input and enclosure.Outputandenclosure:5 0 0V D C / 1 0 0M Ω |
| Working temperature and humidity | - 1 0℃~ + 6 0℃(R e f e r t o o u t p u t d e r a t i n g c u r v e) , 2 0% ~ 9 0% R H |
| Store tempe rature and humidity | - 2 0℃~ + 8 5℃, 1 0 % ~ 9 5% R H |
| Weight | 3.8k gs |
| Size (length * width * height) | 315*208*73mm |

Note:

1 .T he testina condition for the Paramenter adove is: 230VAC input , rated load、25℃70%RH .Temperature .

2 . E rror . include the setting error 、ling   stability and load stability( N ote:5 )

3 .Wave test:adoptin"A12" double   wire   for   20MHz ,and   0 . 1 UF&47UF   capacitorshort - ciroult for interruptubg .

4 . I nlet voltage stability test: when is over load , the lowest voltage of I nlet is upto the hiqhest voltaqe .

5 . L oad stabilityt test: the load is from 0 %to 1 00%