

30W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: overload/ short circuit
- 1 year warranty
- F603 129 x 98 x 40(mm)

DC input voltage range	12(10~18)VDC, 24(18~36)VDC 48(36~72)VDC, 110(72~144)VDC
Line regulation (full load)	≤ ± 0.5%
Load regulation	V ₁ : ≤ ± 0.5%, V ₂ , V ₃ : ≤ ± 1% (with regulators); ≤ ± 6% (without)
Output voltage adjust range	single output: ± 10%, multi-output: V ₁ : ± 5%
Output overload protection	110~150%
Withstand voltage	I/P-O/P: 1.0KVDC/1min; I/P-F/G: 1.0KVDC/1min O/P-F/G: 0.5KVDC/1min
Isolation resistance	> 100M Ω @ 500VDC
Operating temp. & humidity	-10°C~+50°C, 20%~90%RH (non condensing)
Storage temp. & humidity	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards	design refer to LVD
EMC standards	design refer to EN55022, EN61000-4
Cooling method	convection

Model	DC Output		R&N	Efficiency
HF30W-SD**-5	5V	6.0A	80mV	70%
HF30W-SD**-12	12V	2.5A	120mV	72%
HF30W-SD**-24	24V	1.3A	150mV	74%
HF30W-DD**-A	5V	0.5~4.0A	100mV	70%
	12V	0.0~1.5A	150mV	
HF30W-DD**-B	15V	0.2~1.5A	150mV	70%
	-15V	0.0~1.0A	150mV	
HF30W-TD**-A	5V	0.5~3.5A	100mV	67%
	12V	0.1~1.2A	150mV	
	-12V	0.1~0.8A	150mV	

**means DC input voltage, such as 12, 24, 48, 110, etc.

Drawing

