

100W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: over current/ short circuit
- 1 year warranty
- F610 199 x 98 x 39(mm)

DC input voltage	24VDC, 48VDC, 110VDC
Line regulation (full load)	$\leq \pm 0.5\%$
Output voltage adjust range	$\pm 10\%$
Output over current protection	110~130%
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	$> 100M\Omega @500VDC$
Operating temp. & humidity	$-10^{\circ}C \sim +50^{\circ}C$, 20%~90%RH (non condensing)
Storage temp. & humidity	$-20^{\circ}C \sim +85^{\circ}C$, 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		Load regul.	R&N	Efficiency
HF100W-SD**-5	5V	20.0A	0.5%	100mV	74%
HF100W-SD**-12	12V	8.5A	0.5%	120mV	75%
HF100W-SD**-24	24V	4.2A	0.5%	150mV	78%
HF100W-SD**-48	48V	2.1A	0.5%	200mV	79%

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

Drawing

