

## 500~700W DC/DC Series



- High reliability
- Built-in EMI filter
- 100% full load burn-in test
- Protections: over current/ over voltage/ over temperature/ short circuit
- 1 year warranty
- F650 250 x 160 x 87(mm)

DC input voltage .....	48VDC, 110VDC
Line regulation (full load) .....	$\leq \pm 0.5\%$
Output voltage adjust range .....	$\pm 10\%$
Output over current protection .....	110~130%
Output overvoltage 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
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 .....	fan

Model	DC Output		Load regul.	R&N	Efficiency
HF500W-SD**-12	12V	42A	0.5%	120mV	82%
HF500W-SD**-24	24V	21A	0.5%	200mV	82%
HF500W-SD**-48	48V	11A	0.5%	360mV	84%
HF600W-SD**-24	24V	25A	0.5%	240mV	82%
HF600W-SD**-28	28V	22A	0.5%	240mV	83%
HF600W-SD**-48	48V	13A	0.5%	480mV	84%
HF700W-SD**-24	24V	29A	0.5%	240mV	82%
HF700W-SD**-28	28V	25A	0.5%	240mV	83%
HF700W-SD**-48	48V	15A	0.5%	480mV	84%

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

## Drawing

