

MODEL	HLG-240H-15	HLG-240H-20	HLG-240H-30	HLG-240H-42	HLG-240H-54
Model	Esource 4S - F 15A	Esource 4S - N 12A	Esource 6/7/8S - 8A	eSource 10S - 5,7A	eSource 13S/15S - 4,5A
DC VOLTAGE	15V	20V	30V	42V	54V
CONSTANT CURRENT REGION <small>Note.4 6 ~12V</small>	7.5 ~ 15V	10 ~ 20V	15 ~ 30V	21 ~ 42V	27 ~ 54V
RATED CURRENT	15A	12A	8A	5.72A	4.45A
RATED POWER	225W	240W	240W	240.24W	240.3W
RIPPLE & NOISE (max.) <small>Note.2 150mVp-p</small>	150mVp-p	150mVp-p	200mVp-p	250mVp-p	350mVp-p
VOLTAGE ADJ. RANGE <small>Note.6 11.2 ~ 12.8V</small>	14 ~ 16V	18.6 ~ 21.4V	28 ~ 32V	39 ~ 45V	50 ~ 57V
OUTPUT	Can be adjusted by internal potentiometer A type and C type only				
CURRENT ADJ. RANGE	7.5 ~ 15A	6 ~ 12A	4 ~ 8A	2.86 ~ 5.72A	2.23 ~ 4.45A
VOLTAGE TOLERANCE <small>Note.3 ±2.5%</small>	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±1.0%	±0.5%	±0.5%	±0.5%
SETUP, RISE TIME			<small>Note.9 1000ms,80ms/115VAC</small>	<small>500ms,80ms/230VAC at full load</small>	
HOLD UP TIME (Typ.)			<small>15ms at full load</small>	<small>230VAC /115VAC</small>	
VOLTAGE RANGE			<small>Note.5 90 ~ 305VAC</small>	<small>127 ~ 431VDC</small>	
FREQUENCY RANGE	47 ~ 63Hz				
III					
POWER FACTOR (Typ.) PF>0.98/115VAC, PF>0.95/230VAC at full load (Please refer to "Power Factor Characteristic" curve) TOTAL HARMONIC DISTORTION THD< 20% when output loading 50%					
INPUT	EFFICIENCY (Typ.)	0,9 91.5%	92.5%	92.5%	93.5%
	AC CURRENT (Typ.)	1.2A / 277VAC			
	INRUSH CURRENT (Typ.) COLD START 75A(twidth=570 s measured at 50% Ipeak) at 230VAC _μ	LEAKAGE CURRENT <0.75mA / 277VAC			
	95 ~ 108%	95 ~ 108%	95 ~ 108%	95 ~ 108%	95 ~ 108%
	OVER CURRENT	Protection type : Constant current limiting, recovers automatically after fault condition is removed			
	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed			
PROTECTION	OVER VOLTAGE	17.5 ~ 21.5V	23.5 ~ 27.5V	33 ~ 39V	48 ~ 54V
		Protection type : Shut down and latch off o/p voltage, re-power on to recover			
	OVER TEMPERATURE				
	WORKING TEMP.				
	WORKING HUMIDITY				
ENVIRONMENT	STORAGE TEMP., HUMIDITY	±0.03%/°C (0 ~ 50°C)			
	VIBRATION				
		UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750, CSA C22.2 No. 250.0-08, TUV EN61347-1, EN61347-2-13 independent			
	SAFETY STANDARDS	UL60950-1, UL8750, TUV EN60950-1, IP65 or IP67, J61347-1, J61347-2-13 approved			