

### Approval Marks



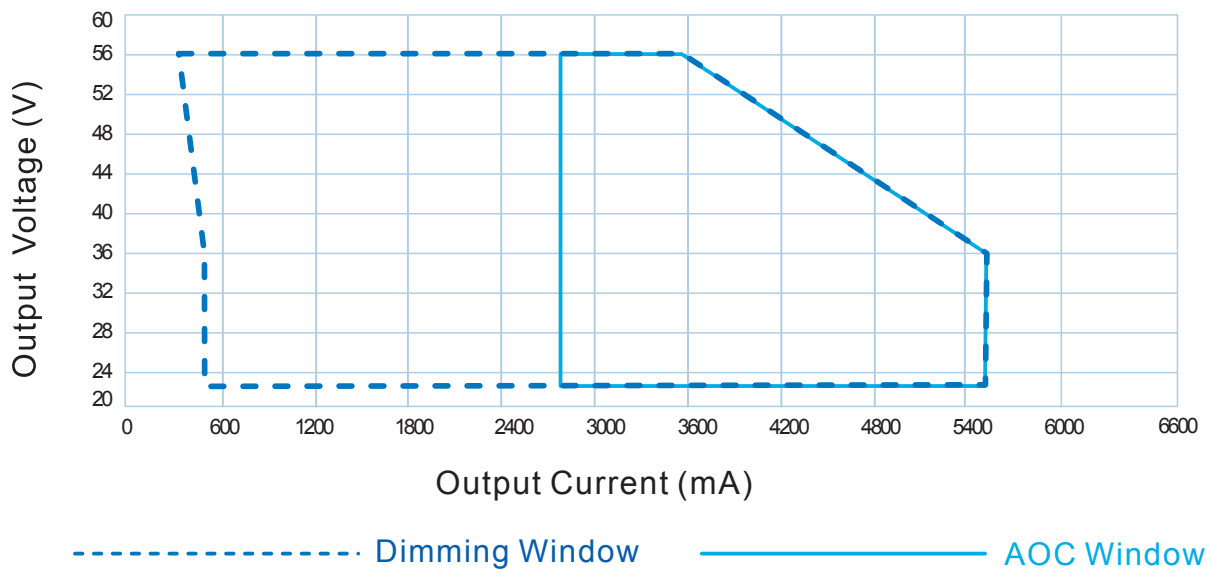
	Item	Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	1100mA	Full load @220VAC
	Total Harmonic Distortion (THD)	< 11%	Full load @230VAC
	Power factor	0.96	Full load @230VAC
	Displacement factor	0.96	Full load @230VAC
	Efficiency	90% (Typ.)	Full load 46V/4.3A @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	I	Suitable for class I luminaires test with analog luminaires
	Inrush current	150 A / 500 $\mu$ s	
Earth leakage current	< 0.7mA		
Output	Nominal voltage range		
	Full power voltage range	36-56Vdc	Full load 200W
	Derating power voltage range	22-56Vdc	22-36V Derating use.
	Maximum voltage	60Vdc	
	Nominal current range		
	Full power current range	3600-5600mA	56V/3600mA-36V/5600mA
	Derating power current range	2800-5600mA	
	Current accuracy	$\pm$ 5%	Full load @230VAC
	Typical output LF current ripple	10%	Low Frequency< 120Hz Full load @230VAC , Peak to Average
	Nominal power range	61.6-200W	
Maximum power	200W		
Dimming	Dimming control	0-10V / PWM / Resistor Dim	Resistor 10K-100Kohm
	Dimming technique	Amplitude	
	PWM frequency	1K-2KHz	
	Dimming range	10% I <sub>max</sub> -100% I <sub>set</sub>	
	Lowest dimming current	5-15%	
	Galvanic isolation	Reinforced insulated to PRI and supplementary insulated to SEC	

Item	Value		Remark
Ambient temperature range $t_a$	-40°C...+60°C		
Maximum case temperature $t_c$	90°C		
Max. case temp. in fault condition	110°C		When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
<b>Environment</b>	Storage temperature range	-40°C...+90°C	
	Relative humidity	5%...95%	
	Surge transient protection	6KV , 10KV	
	Environmental rating	Outdoor	
	IP rating	IP67	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 62,000 h, $t_c$ 72 °C,80% Load > 115000 h, $t_c$ 60 °C ,80% Load	5 Years
<b>Packing</b>	Gross weight/box	15.25 Kg	
	Net weight/box	14.56 Kg	
	Pcs/box	14 PCS	
	Dimension/box	500(L)*390(W)*170(H)mm	
<b>Protections</b>			
Short- & open circuit proof, Auto. overheat regulation or cut off, Overload protection			
<b>Conformity &amp; Standards</b>			
Safety standard:	EN 61347, EN 62493		
Performance:	EN 62384		
EMC standard:	EN 55015, EN 61000-3-2, EN 61547,EN 61000-3-3		
<b>Cable information</b>			
<b>PRI</b> Connection	L	N	PE
Color	Brown	Blue	Yellow/Green
Wire type	H05RN-F	H05RN-F	H05RN-F
Wire diameter	AWG18	AWG18	AWG18
Wire length	450mm	450mm	450mm
Stripping	6mm	6mm	6mm
Tolerance	±10mm	±10mm	±10mm
<b>Sec</b> Connection	+	-	
Color	Brown	Blue	
Wire type	H05RN-F	H05RN-F	
Wire diameter	AWG18	AWG18	
Wire length	250mm	250mm	
Strip length	6mm	6mm	
Tolerance	±10mm	±10mm	
<b>0-10V/PWM/Resistor Dim</b>			
Color	Brown	Blue	
Wire type	H05RN-F	H05RN-F	
Wire diameter	AWG18	AWG18	
Wire length	220mm	220mm	
Stripping	6mm	6mm	
Tolerance	±10mm	±10mm	

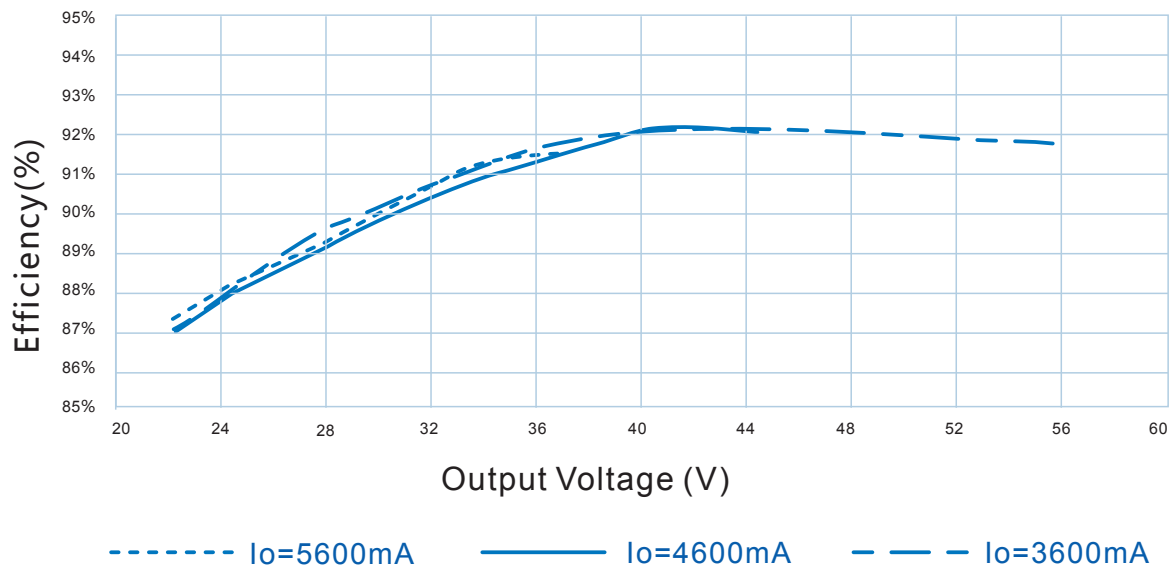
\* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

\*Subject to change without notice, HEP guarantees all products perform functionally well\*

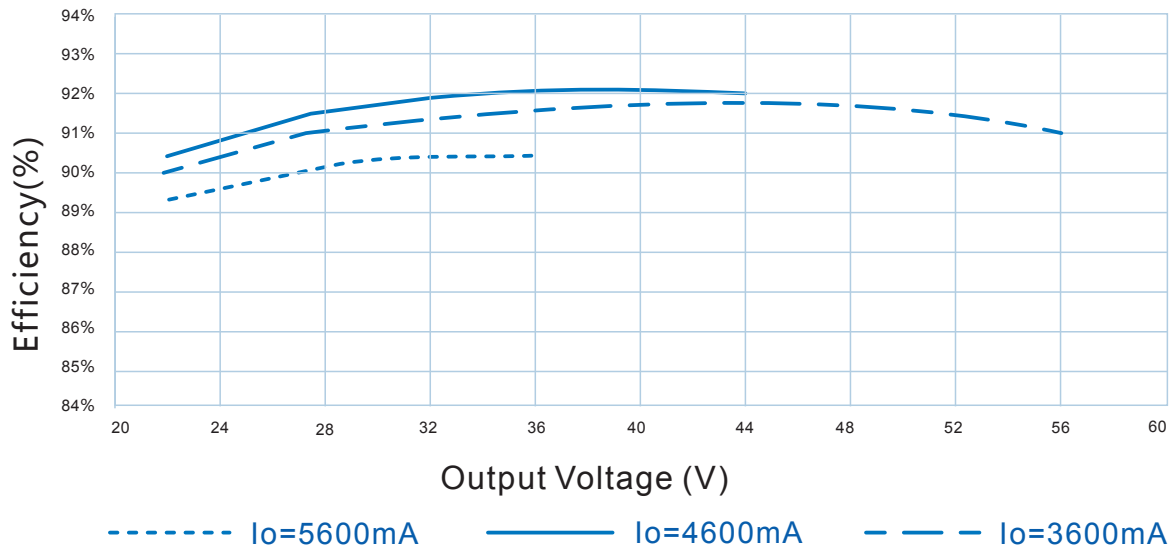
Output Voltage Vs. Output Current(Dim/AOC Window)



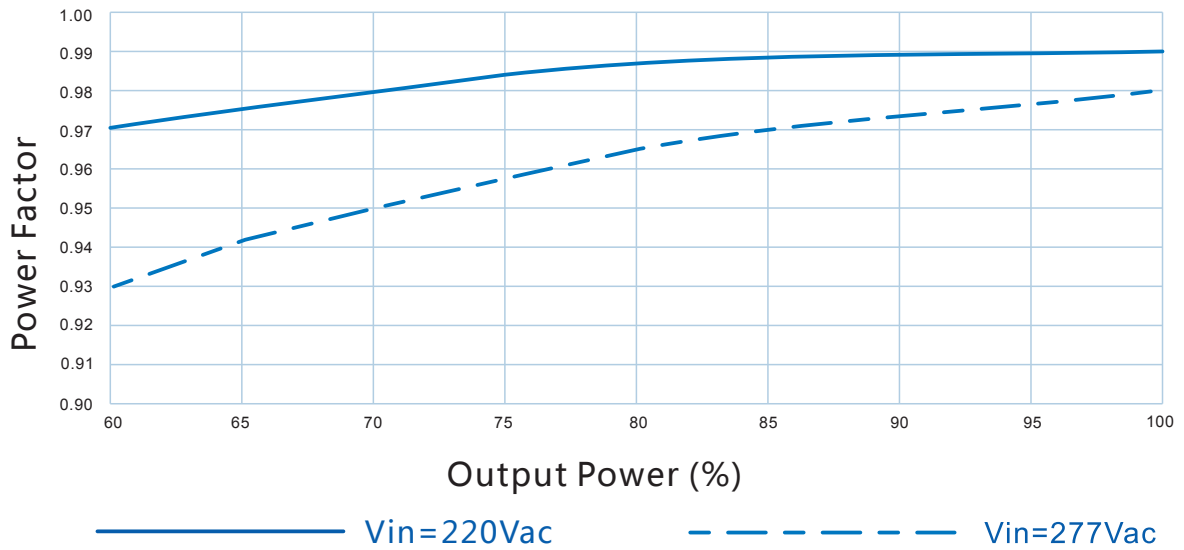
Efficiency Vs. Output Voltage (Vin=220Vac)



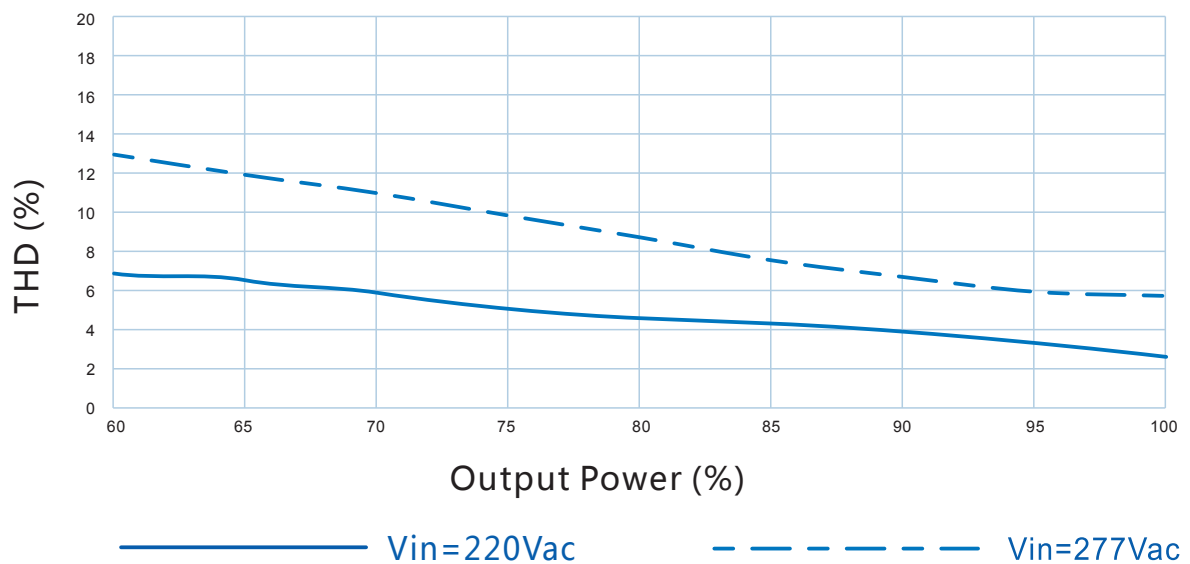
Efficiency Vs. Output Voltage (Vin=277Vac)



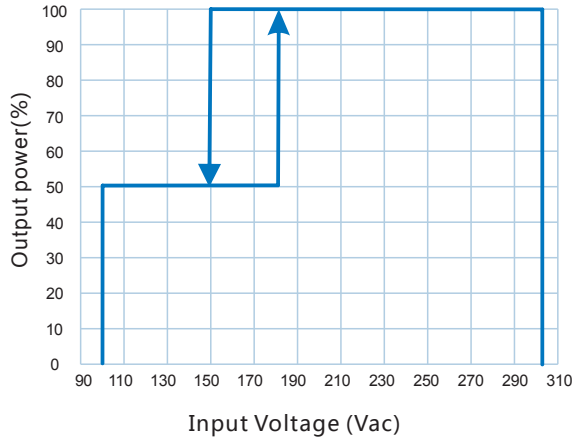
Power Factor Vs. Output Power



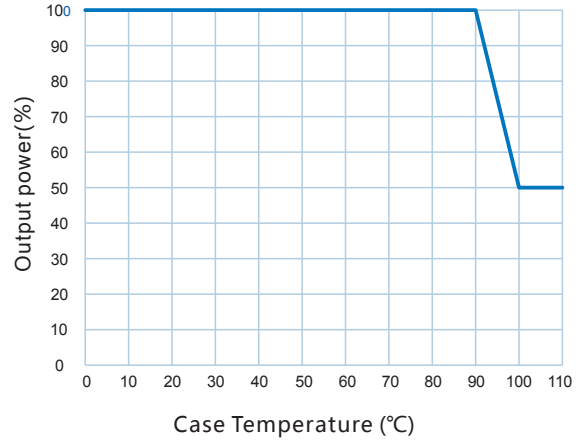
THD Vs. Output Power



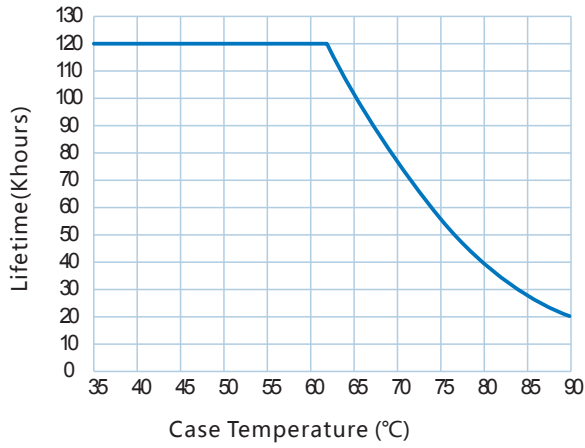
Output power Vs. Input Voltage  
(Ta Max.60°C)



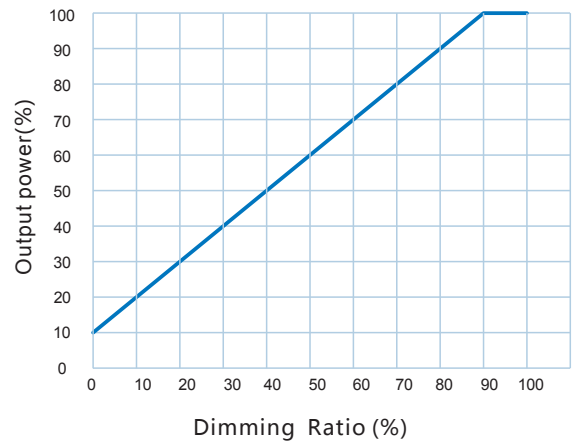
Output power Vs. Case Temperature



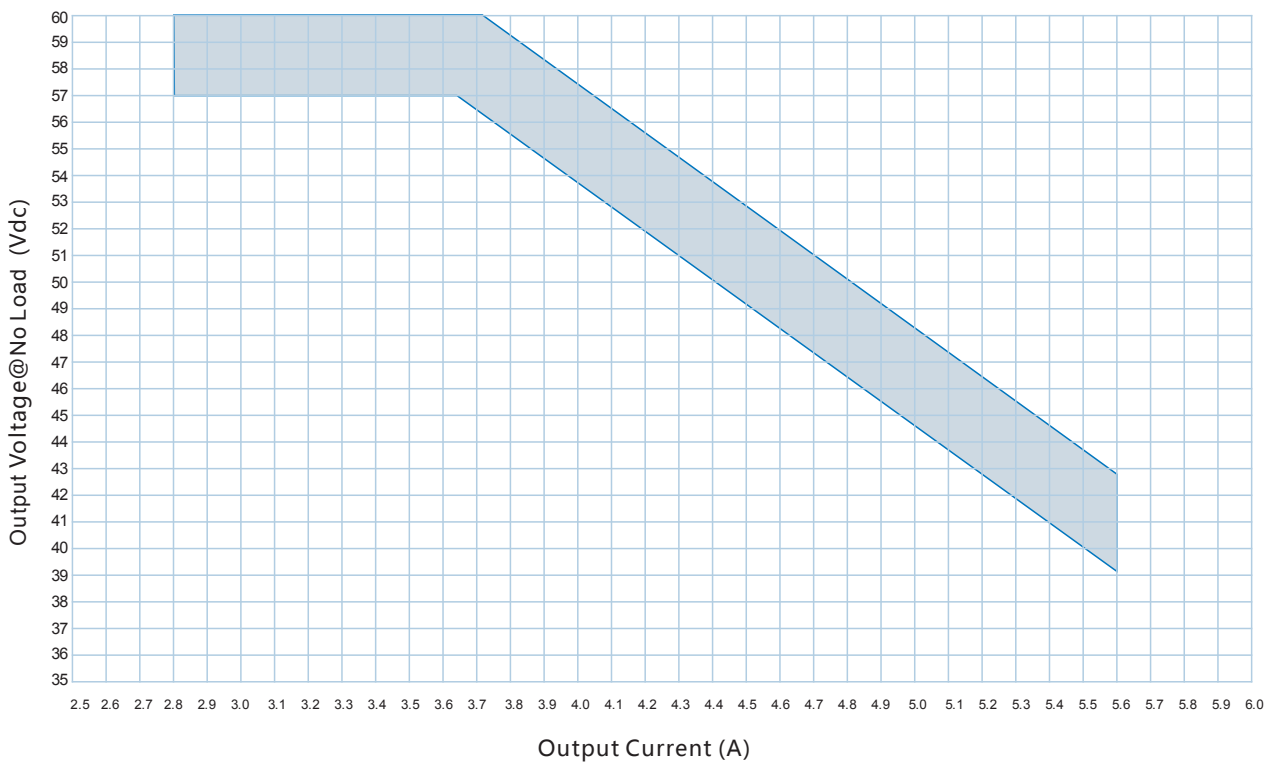
Lifetime Vs. Case Temperature



Output power vs. Dimming



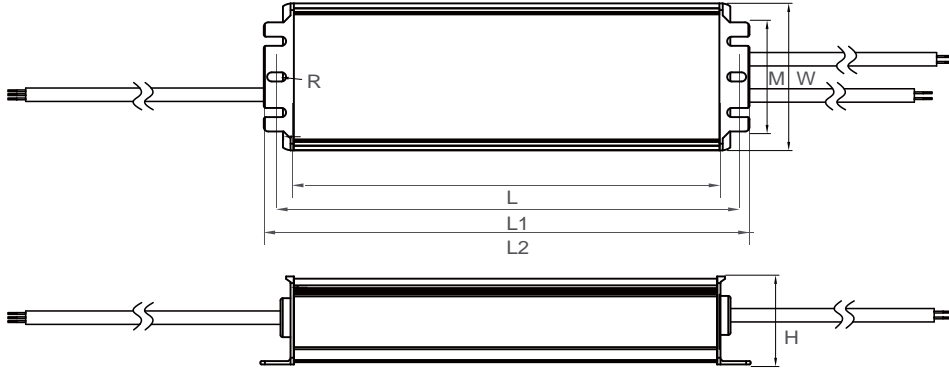
No load voltage VS. Output current



### Tc Point location



### Physical Parameter



L : 194 mm W : 66 mm H : 39.5 mm  
 L1 : 203.2 mm M : 49 mm R : 4.1 mm  
 L2 : 218 mm  
 Tolerance :  $\geq \pm 1$  mm  
 Housing Material : Metal

### Wiring Diagram

