

Approval Marks



	Item	Value	Remark
Input	Nominal voltage	120–277Vac	
	Nominal frequency	50–60Hz	
	AC voltage range	108–304V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	450mA/220mA	Full load @120VAC/277VAC
	Total Harmonic Distortion (THD)	10% / 15%	Full load @120VAC/277VAC
	Power factor	0.99 / 0.9C	Full load @120VAC/277VAC
	Displacement factor	0.99 / 0.9C	Full load @120VAC/277VAC
	Efficiency	84% (Typ.) / 87% (Typ.)	Full load @120VAC/277VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	NA	
	Inrush current	30A / 30 μ s	
	Earth leakage current	NA	
Output	Nominal voltage range		
	100mA	10-51Vdc	
	200mA	10-51Vdc	
	300mA	10-51Vdc	
	400mA	10-51Vdc	
	500mA	10-51Vdc	
	600mA	10-51Vdc	
	700mA	10-51Vdc	
	800mA	10-50Vdc	
	900mA	10-44Vdc	
	1000mA	10-40Vdc	
	1100mA	10-36Vdc	
	Maximum voltage	60Vdc	
Output	Nominal current range	100-1100mA	
	Current accuracy	$\pm$ 5%	
	Typical output LF current ripple	$\pm$ 5%	Low Frequency<120Hz Full load @ 120VAC/277VAC (Peak to Peak)

	Item	Value	Remark
Output	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range	1-40W	
	Maximum power	40W	
	Start-up Delay	< 0.5S	Full load @ 277VAC
Dimming	Dimming control	0/1-10V	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	1-100%	
	Lowest dimming current	20mA (typ)	
	Galvanic isolation	Basic insulated to PRI and supplementary insulated to SEC	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	75°C	ta = 50 °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
	Storage temperature range	-40°C - +85°C	
	Relative humidity	10% - 95%	
	Surge transient protection	1 kV , 2 kV	L/N , L-PE/N-PE
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, tc 75 °C @ ta 50 °C > 100000 h, tc 65 °C @ ta 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/Carton	16.3 kg	
	Net weight/Carton	15.1 kg	
	Pcs/Carton	48PCS	
	Dimension/Carton	415(L)*255(W)*255(H)mm	
Protections			
Short- & open circuit proof, Auto. overheat regulation or cut off, Overload protection			
Conformity & Standards			
Safety standard:		UL8750 , class 2,class P CAN/CSA-C22.2 No. 250.13	
EMC standard:		FCC part15 class A	
Cable information			
PRI			
Cable cross-section		0.75-1.5□/AWG 18-16	
Stripping		9mm	
SEC			
Cable cross-section		0.75-1.5□/AWG 18-16	
Stripping		9mm	
1-10V			
Cable cross-section		0.34-0.5□/AWG 22-16	
Stripping		9mm	
Terminal information			
PRI-Push button/Angled Entry			
SEC-Push button/Angled Entry			
1-10V-Push button/Angled Entry			

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

Current adjustable

NFC Reader (optional)

Feature:

Easily on-line read a output current from a driver or write a new current data to a driver throughout HEP NFC reader within few seconds.



APP NFC

Feature:

Quickly check output current of a LED driver simply via Android smart phone, as well as, correct or setup a new current data immediately with no extra equipment at any job site.

ICON



Main



QR Code

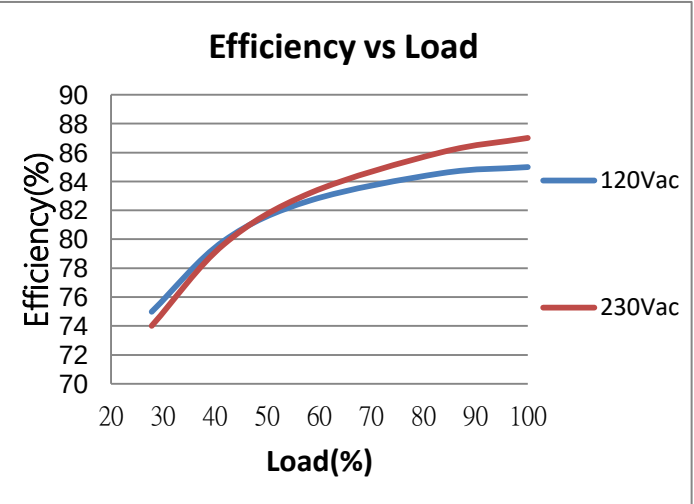
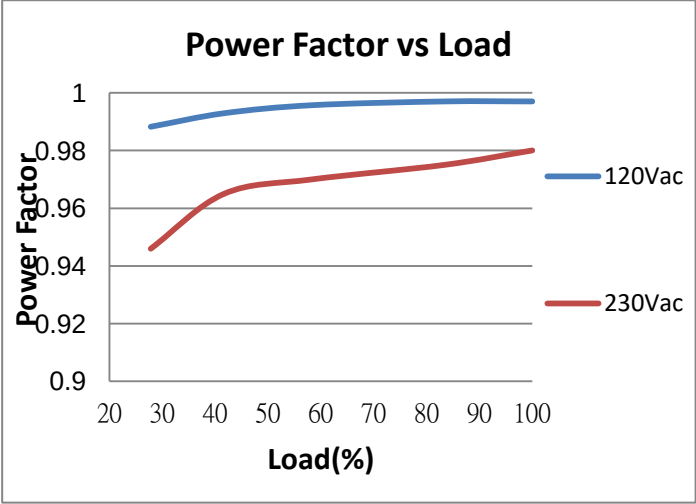
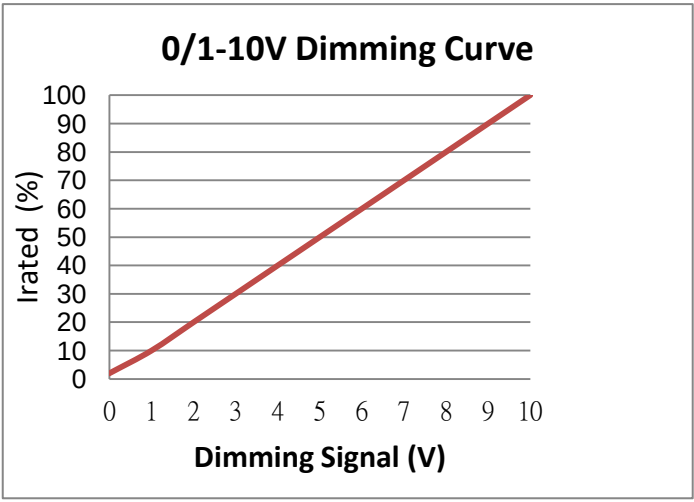
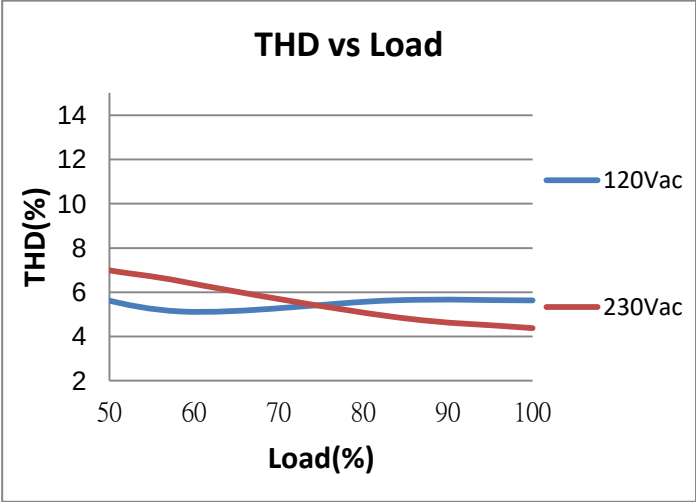
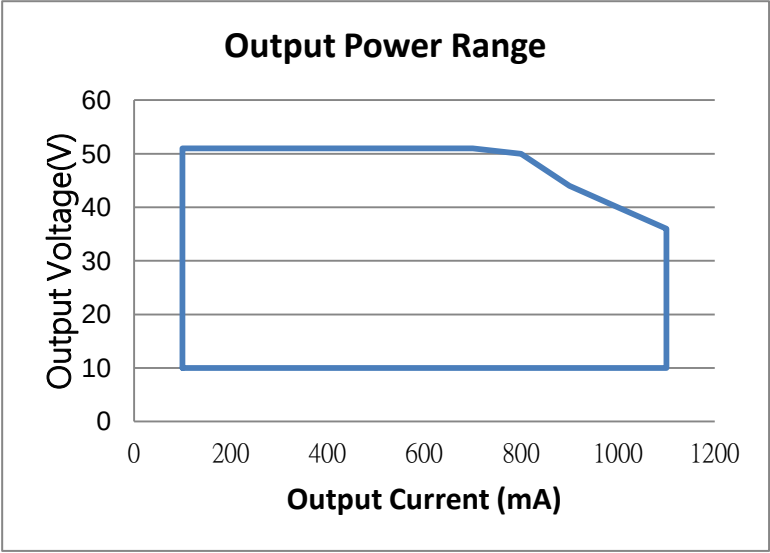
Google play



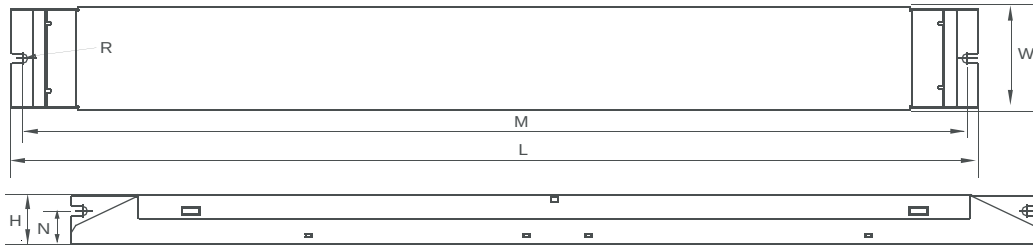
APK



Android 4.2 Up
Smart phone with a NFC function



Physical Parameter



L : 360 mm M : 350 mm H : 21.5 mm

W : 30.4 mm N : 14.3 mm R : 2.1 mm

Slot On One Side Allowing Alignment : $M \pm 3$ mm

Tolerance : ± 1 mm , R : ± 0.5 mm

Terminal Block : Push Button, Angled Entry

Housing Material : Metal, No Sharp Edges

Soldering : Lead - Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

