



Item		Value		Remark
Input	Nominal voltage	120	- 277	V
	Nominal frequency	50	- 60	Hz
	AC voltage range	108	- 305	V
	DC voltage range (start)	NA		
	DC voltage range (operation)	NA		
	Nominal current	660 mA		
	Total Harmonic Distortion (THD)	< 15 %		
	Power factor	0.6-0.9 C		Full load @120/230VAC
	Displacement factor	0.6-0.9 C		Full load @120/230VAC
	Efficiency	86 % (Typ.)		Full load @120/230VAC
	No-load power	NA		
	Stand-by power	NA		
	Networked standby power	NA		
	Protection class	NA		
	Inrush current	35	A / 50	us
		Full load @230VAC		
		Type B , 10A MCB		
		6		
		Type B , 16A MCB		
Max.units per circuit breaker		10		
		Type C , 10A MCB		
		8		
		Type C , 16A MCB		
Output		12		
	Earth leakage current	NA		
	Nominal voltage range			
	1200mA	25	- 42	Vdc
	1400mA	25	- 42	Vdc
	1500mA	25	- 40	Vdc
	Maximum voltage	60 Vdc		
	Nominal current range	1200	- 1500	mA
		Adjusted via Dip switch Factory default 1200mA		
	Current accuracy	± 5 %		Full load @120/230VAC
	Typical output LF current ripple	± 5 %		Low Frequency< 120Hz Full load @230VAC
	SVM	≤ 0.4		Full load @120/230VAC
	PsLM	≤ 1		Full load @120/230VAC
	Starting time	< 0.5 S		Full load @230VAC
		< 0.75 S		Full load @120VAC
Dimming	Nominal power range	30	- 60	W
	Maximum power	60 W		
	Color tuning range	NA		
	Dimming control	NA		
	Dimming range	NA		
	Lowest dimming current	NA		
	Dimming technique	NA		
	PWM frequency	NA		
	Galvanic isolation	NA		
Environment	Ambient temperature range t _a	- 20	°C - + 50	°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

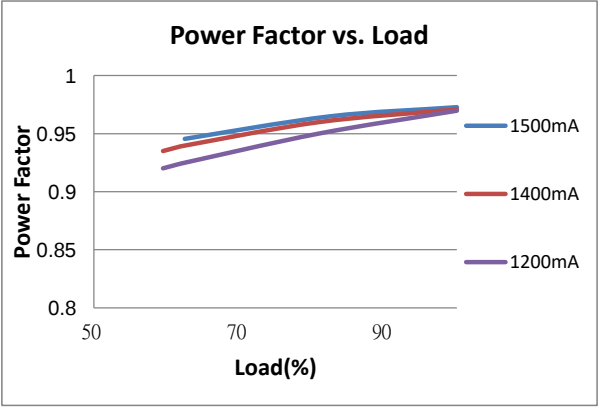
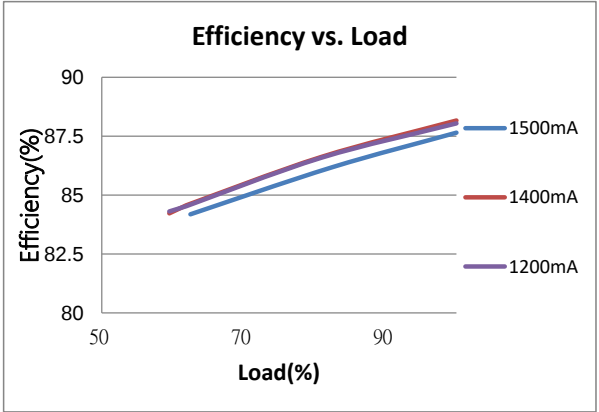
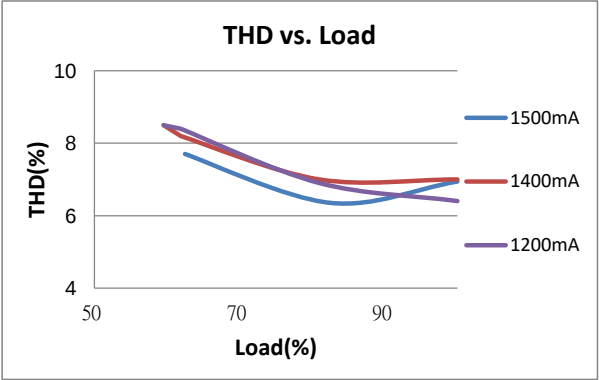
Item		Value										Remark	
Environment	Storage temperature range	-	40	°C	-	+	85	°C					
	Relative humidity	10	%	-	95	%							
	Surge transient protection		1	kV						L/N			
	Environmental rating	Indoor											
	IP rating	IP20											
	Mains switching cycles	>	100,000										
	Expected lifetime												
	Full load 50.4W-60W	>	50,000	h ,	tc	90	°C @	ta	50	°C	0.2 % / 1,000 h failure rate		
	Output load ≤ 43W	>	39,000	h ,	tc	90	°C @	ta	60	°C	0.26 % / 1,000 h failure rate		
Packing	Built-in												
	Gross weight/box	18.7 kg											
	Net weight/box	17.7 kg											
	Pcs/box	54 PCS											
	Dimension/box	385	(L)	*	310	(W)	*	260	(H)	mm			
	Independent												
	Gross weight/box	17.4 kg											
	Net weight/box	16.4 kg											
	Pcs/box	48 PCS											
	Dimension/box	490	(L)	*	270	(W)	*	225	(H)	mm			
Protections													
Short-circuit Protection		Auto recovery											
Open-circuit Protection		Auto recovery											
Overload Protection		Auto recovery											
Conformity & Standards													
Safety standard:		EN 61347-1, EN 61347-2-13, EN 62493											
Performance:		EN 62384											
EMC standard:		EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547											
Cable information	PRI Connection												
	Cable cross-section	0.5	-	1.5	□	/	AWG	20	-	16			
	Stripping	9 mm											
	SEC Connection												
	Cable cross-section	0.5	-	1.5	□	/	AWG	20	-	16			
	Stripping	9 mm											
Terminal	PRI-	Push button/Angled Entry											
	SEC-	Push button/Angled Entry											

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

* If not mentioned, all the test conditions are based on full load at 120/230VAC input (for 120-277 VAC input).

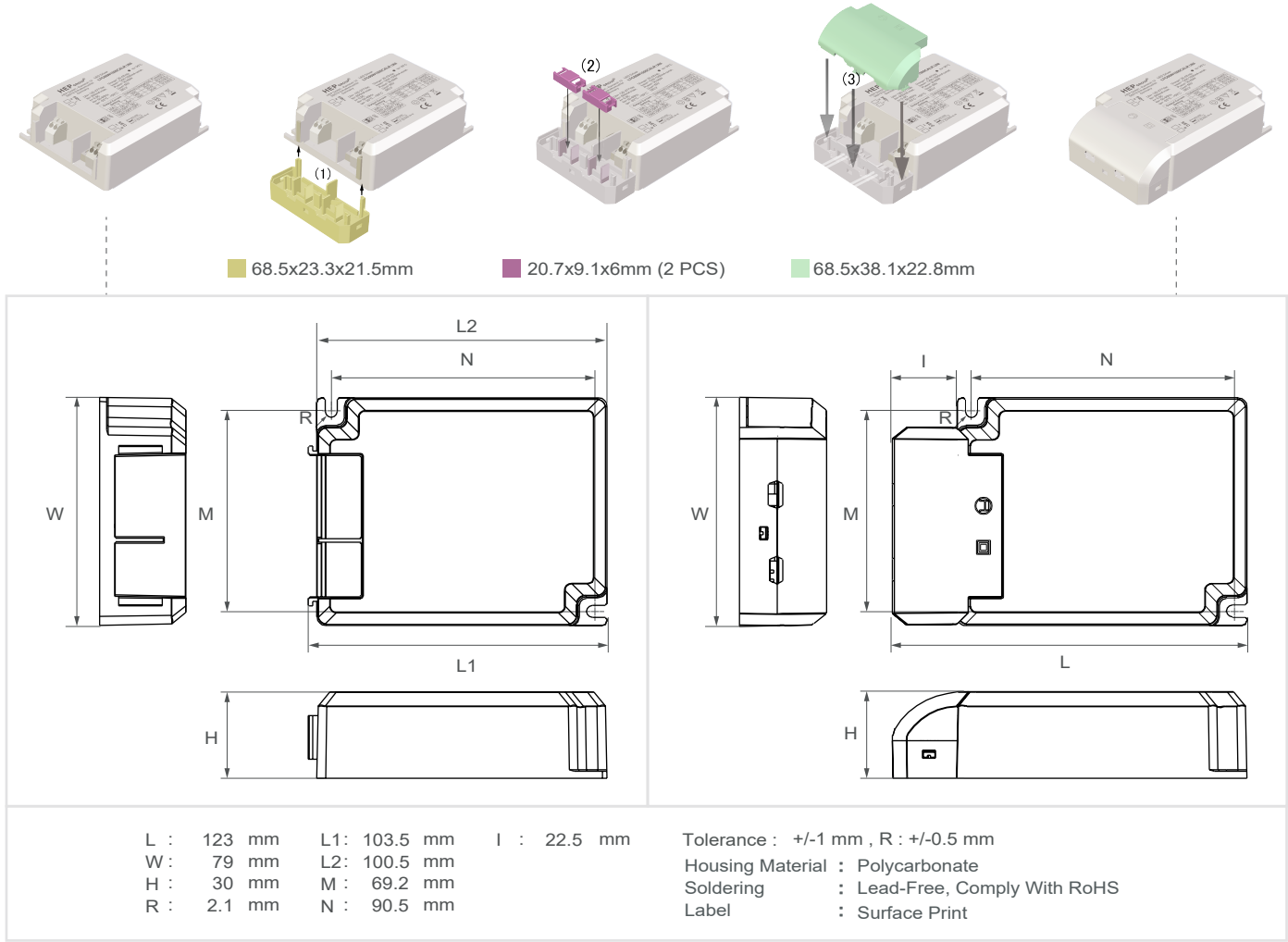
Electrical Values

Output Current (mA)	Output Voltage Range (V)	Output Power Range (W)
1500	25-40	37.5-60.0
1400	25-42	35.0-58.8
1200	25-42	30.0-50.4

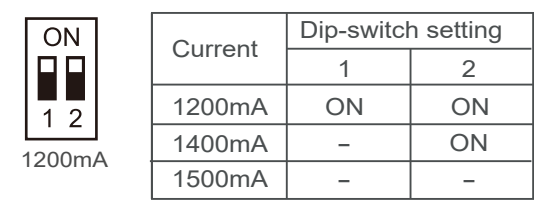


Physical
Parameter

▼ By adding side covers the built-in type simply easy as an independent unit.



Dip Switch - One driver offers 3 choosable output current



WiringDiagram

