



	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	140 mA	
	Total Harmonic Distortion (THD)	< 20 %	Full load @120/230VAC
	Power factor	0.9 C	Full load @120/230VAC
	Displacement factor	0.9 C	Full load @120/230VAC
	Efficiency		Full load @120/230VAC
	200mA	83 % (Typ.)	
	250mA	84 % (Typ.)	
	280mA	84 % (Typ.)	
	300mA	84 % (Typ.)	
	No-load power	NA	
Output	Stand-by power	NA	
	Networked standby power	NA	
	Protection class	NA	
	Inrush current	15 A / 30 us	Full load @230VAC
	Max.units per circuit breaker	Type B , 10A MCB	29
		Type B , 16A MCB	46
		Type C , 10A MCB	36
		Type C , 16A MCB	57
	Earth leakage current	NA	
	Nominal voltage range	26 - 42 Vdc	
	Maximum voltage	48 Vdc	
	Nominal current range	200 - 300 mA	Adjusted via Dip switch Factory default 300mA
	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
Dimming	PstLM	≤ 1	Full load @120/230VAC
	Starting time	< 0.5 S	Full load @120/230VAC
	Nominal power range	5.2 - 12.6 W	
	Maximum power	12.6 W	
	Color tuning range	NA	
	Dimming control	1-10V	
	Dimming range	1-100%	1-10V
	Lowest dimming current	0.5-1.5%	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	Basic insulated to PRI and supplementary insulated to SEC	
Environment	Ambient temperature range t _a	- 20 °C - + 60 °C	
	Maximum case temperature t _c	80 °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	L/N

Item		Value										Remark	
Environment	Environmental rating	Indoor											
	IP rating	IP20											
	Mains switching cycles	> 100,000											
	Expected lifetime												
Full load 12.6W		>	50,000	h,	tc	80	°C @	ta	60	°C	0.2% / 1,000 h failure rate		
Packing	Gross weight/box	11.8 kg											
	Net weight/box	10.6 kg											
	Pcs/box	120 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											
	Pull test cable type	H03VV(H2)-F 2x0,75-1.0 mm ² H05VV(H2)-F 2x0,75 mm ²											
	SEC Connection												
	Cable cross-section	0.5	-	1.5	☐ / AWG		20	-	16				
	Stripping	9 mm											
	1-10V 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											
	1-10V-	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).



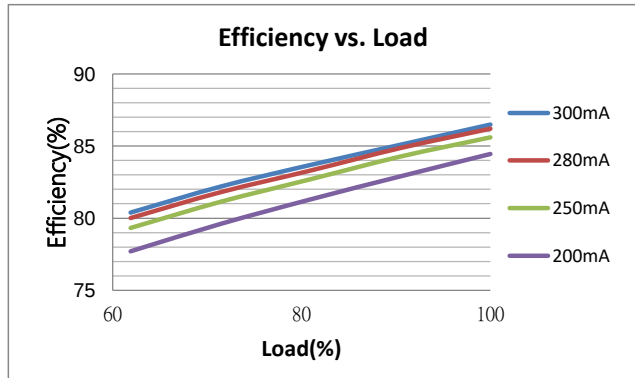
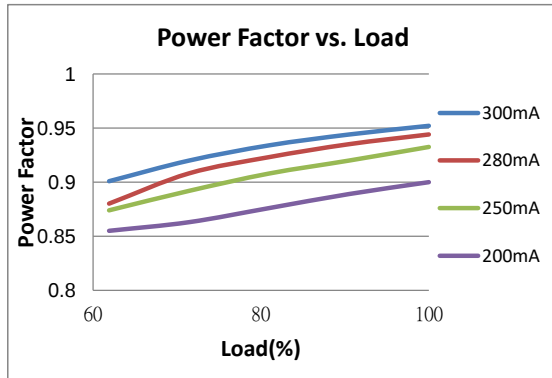
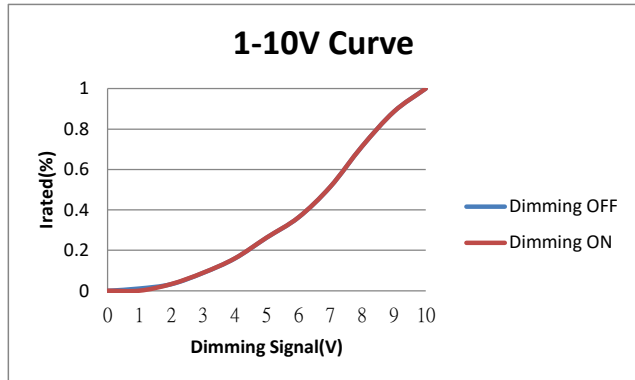
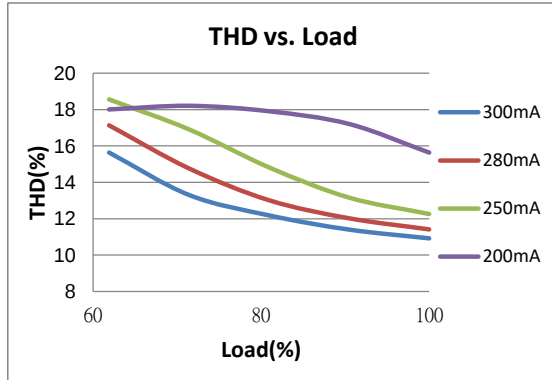
Built-in type
Order number: LBC10W300CALR-1C



Independent type
Order number: LBC10W300CALR-1CZ

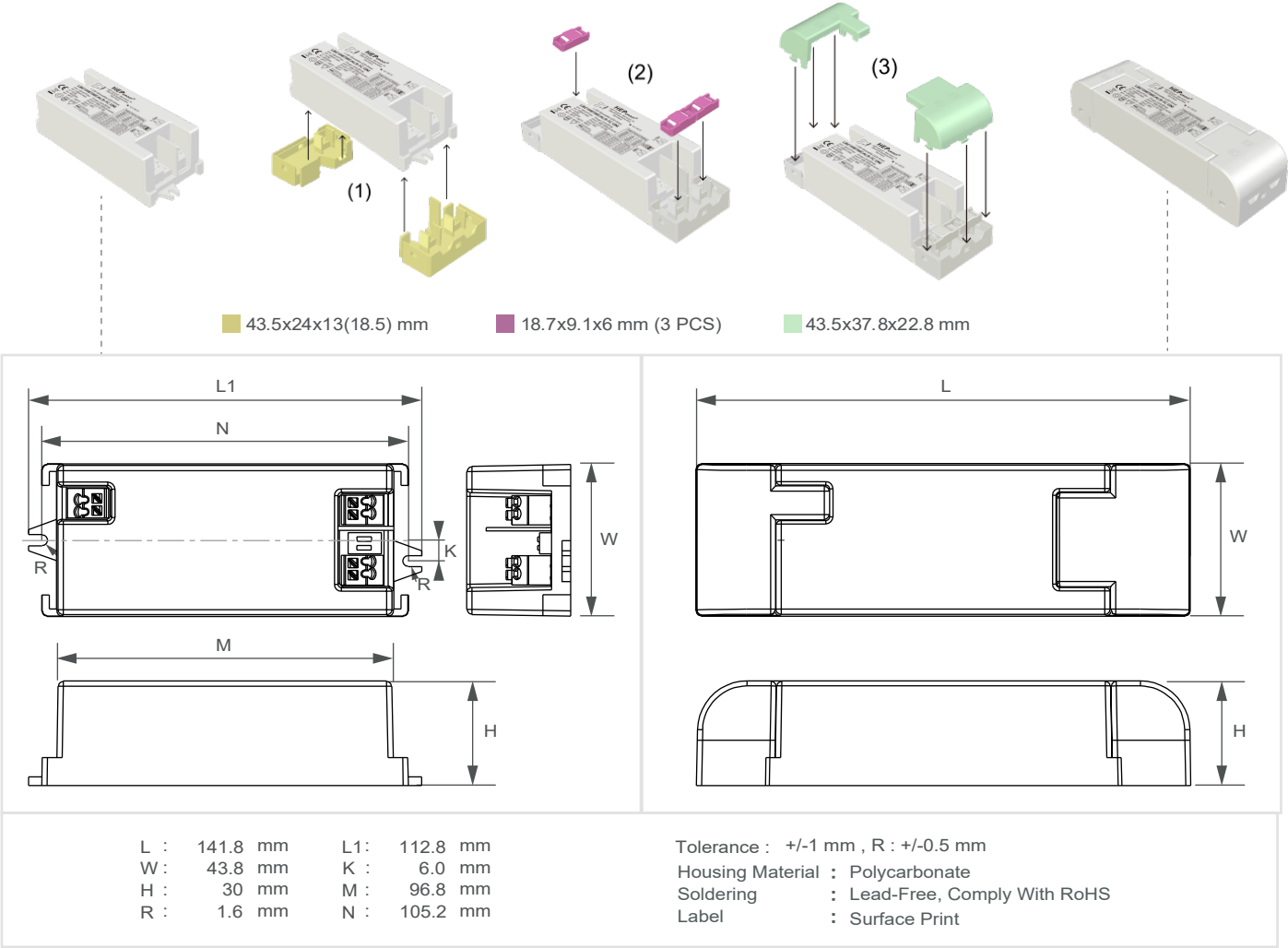
Electrical Values

Output Current (mA)	Output Voltage Range (V)	Output Power Range (W)
200	26-42	5.2-8.4
250	26-42	6.5-10.5
280	26-42	7.3-11.7
300	26-42	7.8-12.6

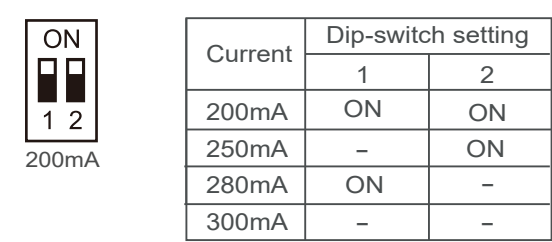


Physical
Parameter

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



Dip Switch - One driver offers 4 choosable output current



WiringDiagram

