

LED power driver

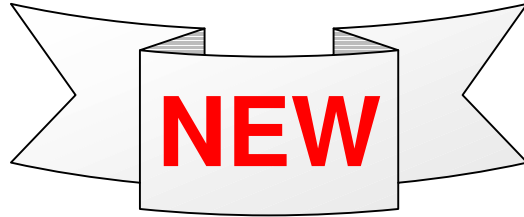
Constant current Driver

Model		BPHE005C351	BPHE005C701	BPHE010C351	BPHE010C701	BPCE030C701	BPCE030C112	BPCE030C142	LCCE020U801	LCCE025U112
Input	Voltage Range	90~264 VAC universal input							100~277 VAC universal input	
	Frequency Range	47~63Hz							50/60Hz	
	Efficiency (Typical)	75%	70%	80%	76%	85%	85%	85%	80%	80%
	AC current	0.18A/115Vac 0.09A/230Vac	0.18A/115Vac 0.09A/230Vac	0.25A/115Vac 0.12A/230Vac	0.25A/115Vac 0.12A/230Vac	0.4A/115Vac 0.2A/230Vac	0.4A/115Vac 0.2A/230Vac	0.4A/115Vac 0.2A/230Vac	0.4A/100Vac 0.2A/277Vac	0.4A/100Vac 0.2A/277Vac
	Inrush Current	30A/230Vac cold start		40A/230Vac cold start		50A/230Vac cold start			10A/230Vac cold start	
	Leakage Current	0.7mA/264Vac/60Hz				0.5mA/240Vac/50Hz			0.7mA/264Vac/60Hz	
Output	DC Voltage (Max)	18.0V	10.5V	35.0V	18.0V	42V	32V	24V	24V	24V
	DC Voltage	3 ~ 15V	3 ~ 7V	3 ~ 30V	3 ~ 15V	32V~42V	22V~32V	18V~24V		
	DC Current	350mA±6%	700mA±6%	350mA±6%	700mA±6%	700mA±10%	1.05A±10%	1.4A±10%	800mA±10%	1.05A±10%
	Rated Power	5W	5W	10W	10W	29.4W	33.6W	33.6W	19.2W	25.2W
	Protection	Short-circuit , OVP , OTP , Constant Current								
Environment Ratings	Operating Ambient Temp.	-20℃~60℃								
	Storage Ambient Temp.	-40℃~80℃								
	Relative Humidity	Waterproof (IP67 rating)								
Others	Dimension(mm) L*W*H	66.5*35*23.5		97.5*40*30.5		152*53*39.5			134*42*33.1mm	
	MTBF	100,000 hrs/25℃ MIL-217F								
	Safety Certification	UL1310 Class 2 , TUV EN60950 , CB Report, PSE				TUV EN61347-2-13 , CB Report, PSE			UL1310 Class 2	
	Safety Compatible	N/A				UL1310 Class 2 , TUV EN60950			TUV EN-61347-2-13	
	PFC Function	N/A				PF>0.95@115VAC,PF>0.9@230VAC				

C.V. mode (Limit Current)

Model		LSP2002 12001	LSP2002 24001	LSP4002 12001	LSP4002 24001	LSP6002 12001	LSP6002 24001	LSP10A2 12001	LSP10A2 24001	LSP10A2 36001	LSP10A2 48001	LCVE100 U120	LCVE100 U240	LCVE100 U360	LCVE100 U480	
Input	Voltage Range	90~264 VAC universal input										100~277 VAC universal input				
	Frequency Range	47~63Hz										50/60Hz				
	Efficiency (Typical)	83%	83%	83%	83%	82%	85%	82%	87%	87%	87%	82%	87%	87%	87%	87%
	AC Current	0.45A/115Vac 0.22A/230Vac	0.45A/115Vac 0.22A/230Vac	1A/115Vac 0.5A/230Vac	1A/115Vac 0.5A/230Vac	1.4A/115Vac 0.7A/230Vac	1.4A/115Vac 0.7A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac	1.3A/115Vac 0.6A/230Vac
	Inrush Current	50A/230Vac cold start		50A/230Vac cold start		60A/230Vac cold start		80A/230Vac cold start								
	Leakage Current	0.5mA/240Vac/50Hz														
Output	DC Voltage	12.0±3%	24.0±3%	12.0±3%	24.0±3%	12.0±3%	24.0±3%	12.0±5.0%	24.0±5.0%	36.0±5.0%	48.0±5.0%	12.0±5.0%	24.0±5.0%	36.0±5.0%	48.0±5.0%	
	Rated Current	1.7A	0.8A	3.4A	1.7A	5A	2.5A	8.4A	4.2A	2.8A	2.1A	8.4A	4.2A	2.8A	2.1A	
	Rated Power	20W	20W	40W	40W	60W	60W	100W	100W	100W	100W	100W	100W	100W	100W	100W
	Protection	OVP , Short-Current , OTP , OPP , Current Limit														
Environmental Ratings	Operating Ambient Temp.	-20°C~60°C														
	Storage Ambient Temp.	-40°C~80°C														
	Relative Humidity	Waterproof IP67														
Others	Dimension(mm) L*W*H	130.7*31.1*24.7		132.5*58*37		148*73*40		246.4*74*43.55								
	MTBF	100,000 hrs/25°C MIL-217F														
	Safety Approval	UL1310 Class 2 , TUV EN60950 , CB Report, PSE				UL1310 Class 2 , PSE			TUV EN61347-2-13 , CB Report, PSE, UL60950-1							
	Safety Compatible	N/A				TUV EN60950			UL1012							
	PFC Function	N/A						PF>0.98@115Vac ; >0.9@230Vac								

120~150W LED power



- **Model:** 120W-150W
- **(Engineering Samples Ready)**
- **Input:** 90V~277V AC (full range)
- **Output:** 12V/24V/36V/48V DC (with PFC function)
- **Protection:** OVP, OTP and Short-Circuit
- **Operating Ambient Temp:** -20°C ~60°C
- **Dimension LxWxH:** 240x73x43mm (housing)
- **Relative Humidity:** IP67
- **Regulatory:** UL,CB, CE, PSE,FCC,TUV EN61347-2-13
- **Warranty:** 2-year limited warranty