

LED Constant Current Driver



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- PSE Safety Approval (Only adapt Japanese Capacitor)
- TUV EN 61347, UL, Safety Approval
- Input ranged from 90Vac up to 264Vac
- OVP,OTP, Short Circuit Protection
- High efficiency, Wide Operation Temperature
- Outdoor and Indoor Water Proof Application
- RoHS Approval
- Series products available



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Model No.	BPHE005C351	BPHE005C701	BPHE010C351	BPHE010C701	BPCE030C701	BPCE030C112	BPCE030C142	BPCN030C701	BPCN030C112	BPCN030C142		
Input	Voltage range	90~264 VAC universal input										
	Frequency range	47~63Hz										
	Efficiency (Typical)	75%	70%	80%	76%	85%	85%	85%	85%	85%	85%	
	AC current	0.18A/115Vac 0.09A/230Vac	0.18A/115Vac 0.09A/230Vac	0.25 A/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/115Vac 0.2A/230Vac	0.4A/115Vac 0.2A/230Vac	0.4A/115Vac 0.2A/230Vac	
	Inrush current	30A/230Vac cold start		40A/230Vac cold start		50A/230Vac cold start			50A/230Vac cold start			
	Leakage current	0.7mA/264Vac/60Hz					0.5mA/240Vac/50Hz					
Output	DC Voltage max.	18.0V	10.5V	35.0V	18.0V	42V	32V	24V	42V	32V	24V	
	DC Voltage	3 ~ 15V	3 ~ 7V	3 ~ 30V	3 ~ 15V	32V~42V	22V~32V	18V~24V	32V~42V	22V~32V	18V~24V	
	DC current	350mA±6%	700mA±6%	350mA±6%	700mA±6%	700mA±10%	1.05A±10%	1.4A±10%	700mA±10%	1.05A±10%	1.4A±10%	
	Rated power	5W	5W	10W	10W	29.4W	33.6W	33.6W	29.4W	33.6W	33.6W	
	Protection	Short-circuit , OVP , OTP , Constant Current							Short-circuit , OVP , OTP , Constant Current			
Environmental Ratings	Operating ambient Temp.	-20°C~+60°C							-20°C~+40°C			
	Storage ambient Temp.	-40°C~+80°C							-40°C~+80°C			
	Relative Humidity	waterproof IP67							waterproof IP64			
Others	Dimension(mm) L*W*H	66.5*35.5*23.5		97.5*40*30		152*53*39.5			152*53*39.5			
	MTBF	100,000 hrs/25°C MIL-217F										
	Safety Approval	UL1310 Class 2 , TUV EN60950 , CB Report, PSE					TUV EN61347-2-13 , CB Report, PSE					
	Safety Compatible	NA					UL1310 Class 2 , TUV EN60950					
	EMC Standards	EN55022 Class B , EN55024 , EN61000-3-2,3 , IEC61000-4-2,3,4,5,6,8,11 (CE)					EN55015 Class B , EN61547 , EN61000-3-2,3 , IEC61000-4-2,3,4,5,6,8,11 (CE)					
	PFC function	NA					PF>0.95@115VAC,PF>0.9@230VAC					