

PGV series

CV Independent driver (ON/OFF)

Features

- Ultra-thin housing
- Flicker-free output,which meets the requirement of ErP standard
- High efficiency, low THD
- Two-stage isolation design, safe and reliable
- SELV and Class II design, suitable for external installation of the luminaires
- Compliance with CE, UKCA, ENEC, RCM, EL and other certifications



CV, ON/OFF, Ultra-thin shell design

Parameters

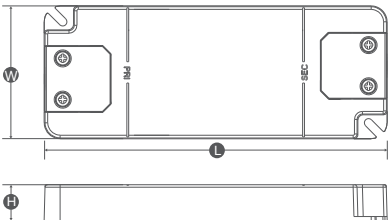
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-PGV020-XXV0	200-240VAC	20W	12/24V	1.67/0.83A	0.98	84.5%	8.5%	45°C	85°C	L129*W50*H13.5
BK-PGV024-XXV0	200-240VAC	24W	12/24V	2/1A	0.99	85%	7.5%	45°C	85°C	L129*W50*H13.5
BK-PGV030-XXV0	200-240VAC	30W	12/24V	2.5/1.25A	0.99	88%	8.5%	45°C	85°C	L155*W50*H16
BK-PGV036-XXV0	200-240VAC	36W	12/24V	3/1.5A	0.99	88%	8.5%	45°C	85°C	L155*W50*H16
BK-PGV048-XXV0	200-240VAC	48W	12/24V	4/2A	0.99	88%	6%	45°C	85°C	L160*W57.5*H18
BK-PGV060-XXV0	200-240VAC	60W	12/24/48V	5/2.5/1.25A	0.99	87%	5.5%	45°C	85°C	L160*W57.5*H18
BK-PGV072-XXV0	200-240VAC	72W	12/24/48V	6/3/1.5A	0.99	89%	5%	45°C	90°C	L185*W63.5*H22
BK-PGV100-XXV0	200-240VAC	100W	12/24V	8.3/4.2A	0.99	92.5%	6%	45°C	90°C	L185*W63.5*H22
BK-PGV150-XXV0	200-240VAC	150W	24/48V	6.25/3.13A	0.99	93%	5%	45°C	90°C	L185*W63.5*H22

XX: Output voltage, unit:V

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



LGV series

CV Power adapter (ON/OFF)

Features

- DC output cables are available in straight/angled types, and DC output connectors are available in 5521/5525 specifications
- Flicker-free output,which meets the requirement of ErP standard
- 200-240V voltages input
- Optional DC12V or DC24V output
- Energy efficiency in VI (Energy efficiency level 6)
- With SCP / OCP / OVP/ OPP protection
- High PF, high efficiency, low THD
- SELV and Class I/Class II design
- Suitable for constant voltage lights, such as strip lights, linear lights
- Compliance with CE, CCC, EL and other certifications



CV, ON/OFF

Parameters

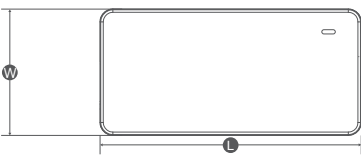
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-LGV036-XXV0	200-240VAC	36W	12/24V	3/1.5A	0.95	88%	15%	45°C	85°C	L103*W50*H31
BK-LGV060-XXV0	200-240VAC	60W	12/24/48V	5/2.5/1.25A	0.95	89%	15%	45°C	85°C	L126.5*W53.5*H31
BK-LGV072-XXV0	200-240VAC	72W	12/24V	6/3A	0.99	88%	15%	45°C	90°C	L146*W63*H32
BK-LGV096-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	94%	6%	45°C	85°C	L126.5*W53.5*H31
BK-LGV096B-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	94%	6%	45°C	85°C	L126.5*W53.5*H31
BK-LGV100-XXV0	200-240VAC	100.8W	12/24/48V	8.4/4.2/2.1A	0.95	93%	6%	45°C	80°C	L146*W63*H32
BK-LGV100B-XXV0	200-240VAC	100.8W	24/48V	4.2/2.1A	0.99	93%	6%	45°C	80°C	L146*W63*H32
BK-LGV120-XXV0	200-240VAC	120W	24/48V	5/2.5A	0.99	92.5%	6%	45°C	80°C	L146*W63*H32
BK-LGV120B-XXV0	200-240VAC	120W	24/48V	5/2.5A	0.99	92.5%	6%	45°C	80°C	L146*W63*H32
BK-LGV150-XXV0	200-240VAC	150W	24/48V	6.25/3.3A	0.99	93.5%	5%	45°C	85°C	L146*W63*H32
BK-LGV150B-XXV0	200-240VAC	150/158W	24/48V	6.25/3.3A	0.99	93.5%	5%	45°C	85°C	L146*W63*H32
BK-LGV200-XXV0	200-240VAC	200W	24/48V	8.3/4.15A	0.99	92.5%	8%	45°C	85°C	L175*W63*H32
BK-LGV200B-XXV0	200-240VAC	200W	24/48V	8.3/4.15A	0.99	92.5%	8%	45°C	90°C	L175*W63*H32

XX: Output voltage, unit:V

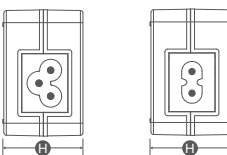
Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input votage shock:	380VAC
Protection type:	Class II
Output type:	SELV
Voltage accuracy:	5%
Power on time:	<0.5s
Surge:	L-N:2KV,L-FG/N-FG:2KV
Operation temperature:	-20-45°C
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



AC input



Class I

Class II

Wiring diagram

