

PGAU 40W-60W IP30

American gauge



Product family features

- Rated input voltage: 120-277V/ac
- Input voltage range: 90-305V/ac
- THD<20%
- Operating temperature: -25°C~+55°C
- Max. case temperature: 90°C
- Protection grade: IP30
- Protections: Short circuit, overload, no-load, Over temperature protection
- Warranty: 5 years
- Application: : Linear high Bays, low Bays, Round High Bays, Strip Lights

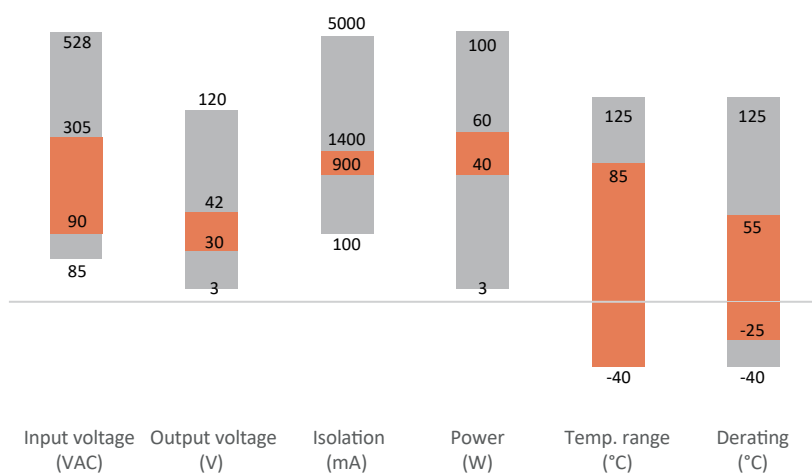


Areas of application

- Industrial lighting



Summary



Product datasheet

Technical data

Electrical data

Product Modle	Rated Power	Input Voltage	Output Current	Output Voltage Range	Power Factor	Efficiency	Size	Certification
PGAU040C0900VSLM1	40W	120-277V	900mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU040C0950VSLM1	40W	120-277V	950mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU040C1000VSLM1	40W	120-277V	1000mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU050C1050VSLM1	50W	120-277V	1050mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU050C1100VSLM1	50W	120-277V	1100mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU050C1150VSLM1	50W	120-277V	1150mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU050C1200VSLM1	50W	120-277V	1200mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU060C1250VSLM1	60W	120-277V	1250mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU060C1300VSLM1	60W	120-277V	1300mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU060C1350VSLM1	60W	120-277V	1350mA	30-42V	0.9	87%	242*34*26mm	UL
PGAU060C1400VSLM1	60W	120-277V	1400mA	30-42V	0.9	87%	242*34*26mm	UL

Electrical Specifications

Category	Item	Technical Norm
Input	Rated Input Voltage	120-277VAC
	Range of Input Voltage	90-305VAC
	Frequency	50/60Hz
	Input Current	≤0.6A(120VAC,full load)
	Input Power	≤70W(277VAC,full load)
	Power Factor	≥0.9(120-277VAC,full load)
	THD	<20% (120-277VAC,full load)
	No-load Power Consumption	≤1W
	inrush Current	<65A (277VAC)
	Leakage current	<0.75mA (277VAC)
output	Current Accuracy	≤±5%
	Load regulation	≤±3%
	Line regulation	≤±3%
	Max. Output Power	58.8W
	Started Delay Time	≤0.75S(120-277VAC,full load)
	Current Ripple	<±5% Output current (带去频闪电路) <±30% Output current (无去频闪电路)

Product datasheet

Technical data

Electrical Specifications

Dimming	Dimming Type	0-10V Dimming DIM OFF
	Features	Isolation Dimming
	DIM OFF Voltage	0.4-0.6V
	DIM ON Voltage	0.5-0.7V
Protection	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
Environment	Ta/Operation Temperature	-25....+55°C
	Ts/Storage Temperature	-40....+85°C
	Tc/Enclosure Temperature	90°C
	Humidity	10%....90%RH
Construction	Connection Method	Wire
	Installation	Independent external
	Input wire specification	UL1015 18AWG 105°C 600V 单股线/ UL1569 18AWG 105°C 600V 单股线
	Output wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	0-10V Dimmable wire specification	UL1015 18AWG 105°C 300V 单股线/ UL1569 18AWG 105°C 300V 单股线
	Dimension	242*34*26mm
Standards	Safety Standards	Conform UL, cUL, UL8750 Class 2
	EMC Standards	Conform FCC Part 15 Class A, Compliance to EN 61547/1995+A1/2000
Others	MTBF	300000h measured at full load, 25°C ambient temperature MIL-HDBK-217F(25°C)
	Life Time	50000h @55°C(Ta)/90°C(Tc)
	Warranty	5years
Remark	Power supply is considered as a component and used in combination with terminal equipment, because EMC is affected by the whole set of equipment, the manufacturer of terminal equipment needs to re-emc confirm the whole set of equipment.	

Technical data

White

Black

N

L

+

-

Red

Blue

Purple (Dim+)

Pink (Dim-)

0-10V Dimmer

Technical drawing of a cable bracket, showing two views: Vertical view and Side view.

Vertical view:

- Overall length: 226
- Distance from left end to first mounting hole: 170
- Distance between mounting holes: 145
- Overall width: 34
- Distance from top edge to center of mounting holes: 21.5
- Mounting holes: 4 * R2.3
- Internal cable diameter: 8.0 * 11.5
- Distance from right end to mounting holes: 410
- Distance from right end to cable exit: 10

Side view:

- Overall length: 242
- Distance from left end to mounting holes: 215
- Overall height: 26
- Distance from bottom edge to mounting holes: 0.9
- Internal cable diameter: 8.0 * 11.5

Product datasheet

Appearance information

Label

The sample label


PGAU060C1400VSLM1
Input: 70W 260mA @Vin = 277V PF> 0.9@full load
Output: 30-42VDC 1400mA
Pout: 58.8W 0-10V Dimming
Class 2 Power Supply For use with dry or damp location only
For Connections Use Wire Rated for at least 90°C (194° F)
Class P

CONSTANT CURRENT
Dimmable LED Driver

120-277V 50/60Hz

CAUTION
DISCONNECT LINE VOLTAGE BEFORE
INSTALLING OR REPLACING. CASE MUST
BE GROUNDED

RoHS

UL
LED
E101407

www.pairuigroup.com

Made in China

Black
L

White
N

DRIVER

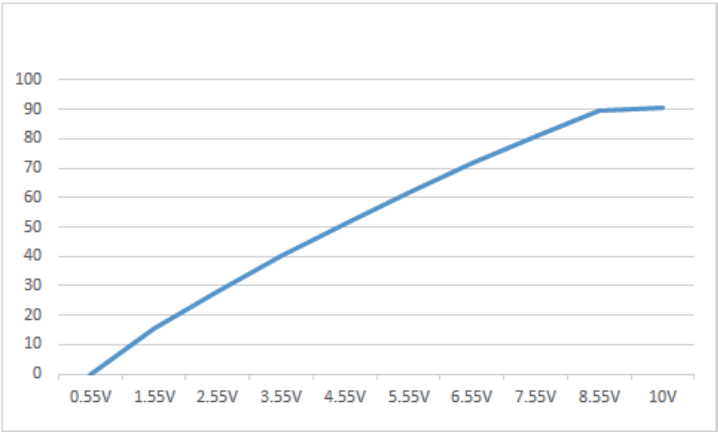
VIOLET (0-10V)
DIMMING

BLUE (-)

RED (+)

0-10V
Dimming

The dimming curve



Packaging information

Carton L*W*H(mm)	Pcs/Carton	weight/Pcs(kg)	weight/Carton(kg)	Gross weight/ Carton(kg)
365*260*125	15	0.4	6	6.5