Mean Well | HLG | 24V | 600W | Non-Dimmable | Constant Voltage LED Driver | IP65

HLG-600H-24A / ITM004331

Datasheet

24-08-2026

Mean Well | HLG | 24V | 600W | Non-Dimmable | Constant Voltage LED Driver | IP65

Dimming	IP Rating	Mode Out	Rated Power	Warranty
~~Non-~~ Dimmable	IP65	CV	600W	7 Years

SKU: HLG-600H-24A
ITM: ITM004331

Key Features:

- **Wattage:** 600W
- **Din Rail Compatible:** No
- **Dimensions (W x H x L):** 144 x 49 x 280mm

Mechanical Data			
Body Colour:	Silver	**DIN Rail Compatible:**	No
Product Weight:	730g	**Dimensions (LxWxH):**	280 x 144 x 49mm

Electrical Data	
Constant Voltage / Constant Current:	CV

Input Data			
Input Cable Core Colours:	Blue, Brown, Yellow, Green	**Input Cable Length:**	235mm
Input Cable Shape:	Round	**Input Cable Sheath Material:**	Rubber
Input Cable Weight:	20AWG	**Input Control Connector Type:**	Bare end
Input Current Type:	AC	**Input Frequency:**	47Hz - 63Hz
Input Terminal / Connector Type:	Screw terminal	**Input Voltage:**	90V - 305V

Input Data			
Inrush Current:	70A	**No. of Input Terminals:**	1
Power Factor:	0.95A	**THD:**	10%
Input Cable Sheath Colour:	Black		

Output Data			
Line Regulation:	1%	**Max. Output Current Per Channel:**	25A
No. of Output Terminals:	1	**Output Cable Length:**	235mm
Output Cable Shape:	Round	**Output Cable Sheath Colour:**	Black
Output Cable Sheath Material:	PVC	**Output Current:**	0A - 1.66A
Output Current Ripple (PK-PK):	150%	**Output Current Type:**	DC
Output Terminal/Connector Type:	Screw terminal	**Output Voltage:**	24V
Output Voltage Ripple (PK-PK):	0.625%	**Output Voltage Tolerance:**	5%
Rated Power:	600W	**Output Cable Core Colours:**	White, Black

Control Data	
Dimming Type:	Non-Dimmable

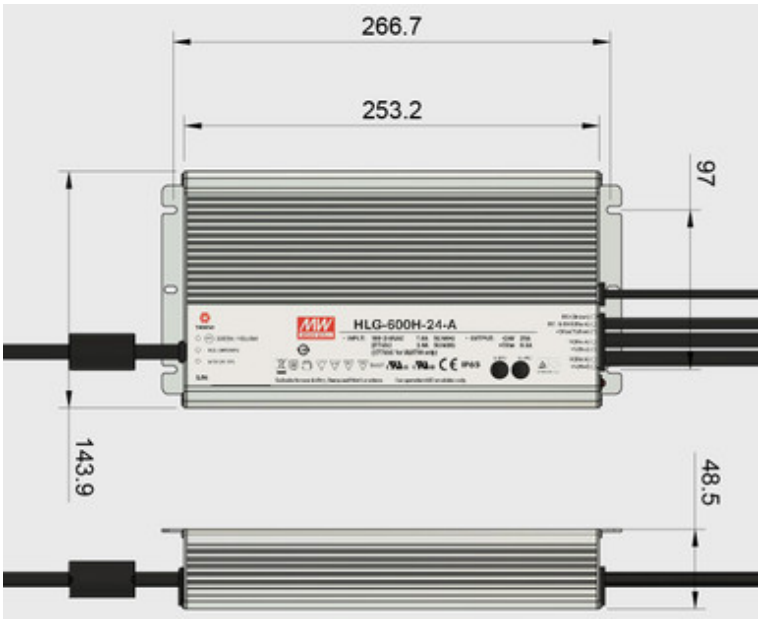
Environmental Data			
Application Environment:	Outdoor	**Body Material:**	Metal
Ingress Protection (IP):	IP65	**Interior or Exterior Use:**	Interior
Mounting Type:	Surface Mounted	**Thermal Cutout Temperature:**	85°C
Operating Temperature:	-40°C - 90°C	**Storage Humidity:**	85%
Storage Temperature:	-40°C - 85°C	**Working Humidity:**	85%

Protection Data			
Electrical Safety Class:	I	**Over Current Protection:**	yes

Protection Data			
Over Current Protection Mode:	Hiccup	**Over Temperature Protection:**	yes
Over Temperature Protection Mode:	Hiccup	**Over Voltage Protection:**	yes
Over Voltage Protection Mode:	Hiccup	**Short Circuit Protection:**	yes
Short Circuit Protection Mode:	Hiccup		

Efficiency Data			
No-Load Power Consumption:	0.5W	**Rated Life:**	50000 Hours
Standby Power Max.:	0.5W	**Standby Power Typ.:**	0.5W
Startup Time:	0.5 Secs		

Dimension Drawing



Packaging Data			
Packaging Height:	49mm	**Packaging Length:**	280mm
Packaging Width:	144mm	**Packaging Weight:**	3900g

Disclaimer

Tagra Lighting have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

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