

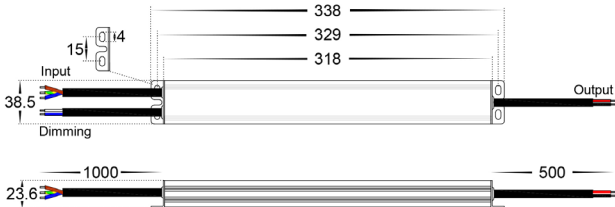
100W DALI + Push Dim

Dimmable LED Driver

Material	Aluminium
Colour	Anodised Grey
IP Rating	IP66
Input Voltage	100v - 277v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	100w
Protection Class	1 (Earth Required)
Dimming Methods	DALI or Push Dim
Dimming Range	0% - 100%
Protections	Short Circuit, Overload, Over Temperature
Warranty	3 Years Replacement



Dimensions



Product Ordering

Part Number	Output Voltage	Barcode
HV96632-12V100W	12v DC Constant Voltage	9350418036216
HV96632-24V100W	24v DC Constant Voltage	9350418036254

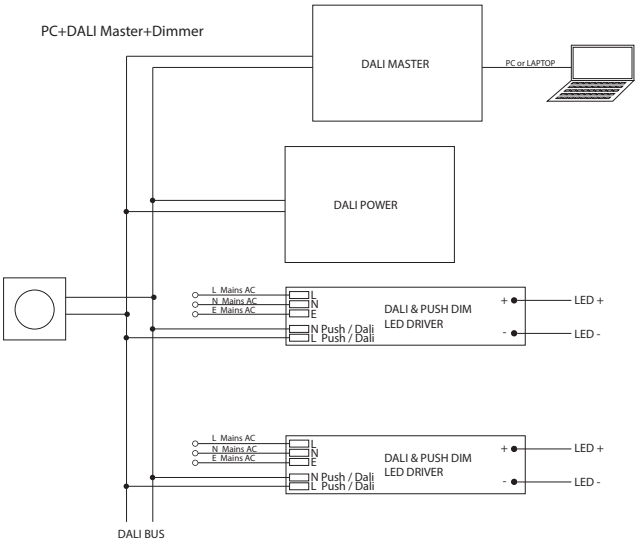
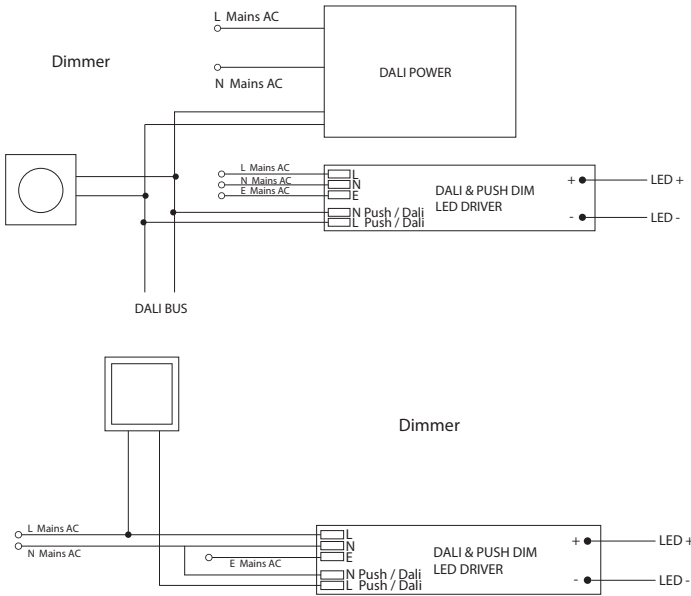


Website



Warranty
Terms & Conditions

Sample Wiring Diagrams



	Part Number	HV96632-12V100W	HV96632-24V100W
Output	DC Voltage	12v DC (12-13.5V Adjust by NFC)	24v DC (24-26V Adjust by NFC)
	Voltage Tolerance	$\pm 0.2V$	
	Rated Current	8.33A	4.17A
	Rated Power	100W	
	Load Regulation	$\pm 2\%$	
Input	Standby Power Consumption	$\leq 0.5W$	$\leq 0.5W$
	Voltage Range	100-277V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP) @ Full Load	PF ≥ 0.98 @ 120V AC PF ≥ 0.97 @ 230V AC PF ≥ 0.95 @ 277V AC (Full Loading)	
	THD(Typ.) @ Full Load	$\leq 10\%$ @ 120V AC $\leq 10\%$ @ 230V AC $\leq 15\%$ @ 277V AC	
	Efficiency(Typ.)@ Full Load	89.2% @ 120V AC 91% @ 230V AC 91% @ 277V AC	
	AC Current (Max)	1.2A	1.2A
	Inrush Current (TYP)	17A, 266us@50% (120V AC)	
		60A, 128us@50% (230V AC)	
		42.4A, 286us@50% (277V AC)	
Protections	Leakage Current	$<0.5mA$	
	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed	
	Overload	$\leq 120\%$, Hiccup mode, Recover automatically after fault condition is removed	
Environment	Over Temperature	Shell surface temp. $100^{\circ}C \pm 10^{\circ}C$, output will be off; recovers automatically after temp.	
	Working Temp.	$-40^{\circ}\sim +60^{\circ}C$	
	Working Humidity	20 - 95%RH, Non Condensing	
	Storage TEMP. Humidity	$-40 - +80^{\circ}C$, 10 - 95% RH	
	TEMP. Coefficient	$\pm 0.03\%/^{\circ}C$ (0-50 $^{\circ}C$)	
	Vibration	10-500Hz, 5G 12min./1 Cycle, Period for 72min, each along X,Y,Z axes	
Safety & EMC	Safety Standards	EN61347-1	
	Isolation Resistance	I/P-O/P: 100M Ω / 500VDC / 25 $^{\circ}C$ / 70%RH Ω	
	EMC Emission	EN55015 EN61000-3-2,3($\geq 50\%$) (EU) & FCC Part 15 Subpart B(US)	
	EMC Immunity	EN61000-4-2,3,4,5,6,11 EN61547	
Others	Weight	0.49Kg	

