



Constant Voltage Driver

Model: HDRVXXXH48S-M

SELV CE CCC Indoor

Model	Related Input Voltage	Input Power	Input current	PF	Output Power range	Output Voltage	Output Current	Effeciency
HDRV100H48S-M	220-240VAC	113W	≤0.7A	≥0.93	0-100W	48VDC	0-2.1A	≥88%
HDRV200H48S-M	220-240VAC	219W	≤1.2A	≥0.95	0-200W	48VDC	0-4.2A	≥90%

1.Parameters

category	Item	Technical Norm	
	Model	HDRV100H48S-M	HDRV200H48S-M
Features	Output Type	Constant Voltage	
	Output Features	Isolation	
	IP Grade	IP 20	
	Insulation Class	Class II	
Input	Rated Input Voltage	220-240VAC	
	Range of Input Voltage	198-264VAC	
	Frequency	50/60Hz	
	Input Current	≤ 0.7A (230VAC, full load)	≤ 1.2A (230VAC, full load)
	Input Power	≤ 113W (230VAC, full load)	≤ 219W (230VAC, full load)
	Power Factor	≥0.93 (230VAC, full load)	≥0.95 (230VAC, full load)
	THD	≤20% (230VAC, full load)	
	In-rush Current	<70A (230VAC, full load)	
Output	Output Voltage	48VDC±1V	
	Output Current	0-2.1A	0-4.2A
	Max. Output Power	100W	200W
	Efficiency	≥88% (230VAC, full load)	≥90% (230VAC, full load)
	load Regulation	±3%	
	Linear Regulation	±3%	

Protection	Short Circuit Protection	Auto Recovery	
	Overload Protection	Auto Recovery	
	No-load Protection	Auto Recovery	
	Leakage current	I/P to O/P < 250 μ A	
	Ta/Operation Temperature	- 20℃ - +45℃	
	Ts/Storage Temperature	- 20℃ - +80℃	
Construction	Connection Method	Contact type	
	Installation	Independent	
	PRI Wire preparation	0.75- 1.5²mm	
	Dimension	248*22.5*46mm	305*22.5*46mm
Standards	Certification	CE、CCC	
	Safety Standards	EN61347-1:2015,EN61347-2-13	
	EMC Standards	EN55015 , EN61547	
	Performance	EN62384	
	Surge	L-N& L/N-PE:2KV	
	Warranty	3Years	
Remark			
1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25℃ ambient temperature.			
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again			

2. Dimension(Unit: mm)

