

SPECIFICATION

Description	100-240V LED Driver, Constant Voltage Driver
Electrical Characteristics	Ta = 25°C, 100-240Vrms input, standard reference load; unless otherwise specified
Class I, IP67, thermally protected 110, independent driver	

Product Name		V6-200-24
Input Parameters		
Rated Input Voltage	Uin	100-240VAC
Input Current (Full load)	Iin	2.1A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	230W
Power Factor (Full load)	λ	≥0.95
THD(Full load)		≤15%
Efficiency (Full load)	η	≥91%
Inrush current(Cold start)	Apk	65(th=500us)
Turn on time		≤500ms

Output Parameters		
Output Voltage	Vout	24V±5%
Output Current (Full load)	Iout	0-8.34A
Output Power (Full load)	Pout	200W
Operating Frequency(Full load)	Fout	90-120KHz
Ripple & Noise (max)		500mV
Load Regulation		±5%
Line Regulation		±5%
Pst LM		≤1
SVM		≤0.4

Ambient		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	80°C
Relative humidity		5 ... 85%

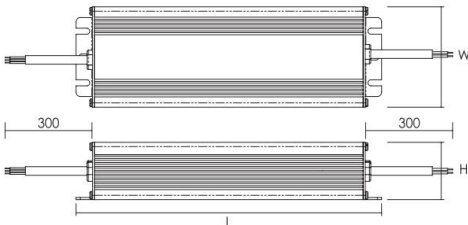
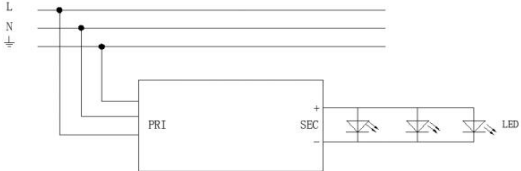
Protection		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

System Parameters		
Withstand voltage		3.75KV,5mA,60S
Expected Life		50000Hours

Compliances and approvals		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

- Note**
1. All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
 3. Expected Life:tc=80°C,0.2%/1000h failure rate

Physical Parameter

Dimensions(LxWxH): 249x72x40mm
 Housing Material:aluminium
 Input Wire:VDE H05RN-F 3x1.0; Output Wire:VDE H07RN-F 2x1.5.