

## SPECIFICATION

Description	220-240V, Constant Current Driver	
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified	
Class II, IP65, thermally protected 110, built-in use		
<b>Product Name</b>		MINI-12-350F
<b>Input Parameters</b>		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.08A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	16W
Power Factor (Full load)	λ	0.90C
THD(Full load)		≤40%
Efficiency (Full load)	η	≥84%
No-load power		≤0.5W
Inrush current		≤30A
Turn on time		≤500ms
<b>Output Parameters</b>		
Output Voltage	Vout	17-34V
Output Current (Full load)	Iout	350mA±5%
Output Power (Full load)	Pout	12W
Operating Frequency(Full load)	Fout	120KHz
Ripple & Noise		≤50mA
Load Regulation		≤5%
Line Regulation		≤5%
<b>Ambient</b>		
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%
<b>Protection</b>		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed
<b>System Parameters</b>		
Withstand voltage		3.75KVAC, Ileakage<5.0mA,60s
Expected Life		50,000Hours
<b>Compliances and approvals</b>		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547
<b>Note</b>		
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		
<b>Physical Parameter</b>		
Dimensions(LxWxH):50x48x24mm		
Housing Material:PC Plastic		
Input Wire:VDE H03VVH2-F 2x0.75mm <sup>2</sup> White: Output Wire:UL 1015 22AWG Red&Black		