

SMPS SE Series

SE 240

Nuteck Power Solutions P Ltd.
1st Floor, 115/5, Ramtekdi Industrial Area,
Hadapsar, Pune-411013.
Tel : +91 26811162, Mob : +91 9552545012
Email : info@nuteck.in
Web : www.nuteck.in

240 W Single Output Switching Power Supply

- **Features:**
- Wide Input Supply Range
- Low leakage current $<1\text{mA}$.
- Protections: Short Circuit / Over load / Over voltage / Over Temperature
- 100% Full Load Burn-in test.
- High efficiency, long life and high reliability
- Miniature size, high power density



SPECIFICATION

MODEL		SE240-24		SE240-36		SE240-48	
Output	DC Volta e	24V		36W		48V	
	Rated Current	10A		6.66A		5A	
	Current Ran e	0d~d10A		0 ~d6.66A		0d~d5A	
	Rated Power	240W					
	Ripple and Noise Max.	<d1%dOfdRateddVoltage.					
	Volta e Adj. Ran e	21.6 ~d26.4V		32.4d~39.6V		43.2d~d52.8V	
	Volta e Tolerance	<d1%dOfdRateddVoltage.					
	Line Re ulation	<d+/- 0.5d%					
	Load Re ulation	<d+/- 1 %					
	Hold up Time	>d20mSec					
Input	Volta e Ran e	170dVACd~d300 VAC					
	Frequency	45Hz -d65Hz					
	Efficiency	>80%					
	Inrush Current	<30A Atd230VAC					
	Leaka e Current	<1mA Atd230VAC					
Protection	Over Load	Aboved105% ofdRateddOutputdPower					
		Protection Type: Hiccup Mode,dRecovers automatically after faultdcondition isdremoved.					
	Over Volta e	27.0~29.0V		42.0~45.0V		54.0d~d56.0V	
		Protection Type: Hiccup Mode,dRecovers automatically after faultdcondition isdremoved.					
	Over Temperature	>140 DegCdCase Tempdttypically detectdondmaindcontroldIC (U1).					
Protection Type :dShutdown,drecoversdautomatically afterdfaultdconditiondis removed.							
Environment	Workin Temp.	-5DegCdtod70DegC.					
	Workin Humidity	20dtod90%RHdNondCondensing.					
	Stora e Temp Humidity	-10dtod85DegC 10dtod95%dRH.					
	Vibration	10dto 500Hz,2G,20min/sweep,peroid-1Hr,Eachdalong X,Y,Zdaxes.					
Safety & EMC	Safety Standard	Designeddto meetdUL60950-1					
	Withstand Volta e	I/P-O/P :d2KVAC , I/P-Earthd:d1.5KVACdd,dO/P-Earth :d500VAC.					
	Isolation Resistance	I/P-O/P ,dI/P-Earthd,dO/P-Earthd:d100M Ohms / 500VDC.					
	EMI & EMC	Designeddto meetdEN55011					
Other	MTBF	360K Hrs.dminimum					
	Enclosure Protection	IP-20					
	Coolin	Forced Cooling.					
	Dimension	157*93*81.5dd(L*W*H)dwithdDINd- RAIL Clamp					
	Wei ht	0.95Kg. Approx.					
Note	1. All parameters NOT specially mentioneddaredmeasureddat Typical input, rated load andd25Deg.C. ambientdtemperature. 2.dRippled&dnoise aremeasureddat 20MHz ofdbandwidthdby usingdad12" twisted pair-wiredterminateddwith ad0.1uF & 47uF parallel capacitor. 3. Toleranced:dincludes set updtolerance,dline regulationdanddloaddregulation. 4. Thedpowersupply is considered adcomponentdwhichdwill bedinstalleddintodadfinal equipment. Thedfinal equipmentdmustdbedre-conformeddthatditdstilldmeetsdEMCddirectives. 5.dSpecifications aresubjectdtodchangedwithoutdpriordnoticedduedtodconstantdimprovementdinddesignd& technology.						

SMPS SE Series

SE 240

Nuteck Power Solutions P Ltd.

1st Floor, 115/5, Ramtekdi Industrial Area,
Hadapsar, Pune-411013.

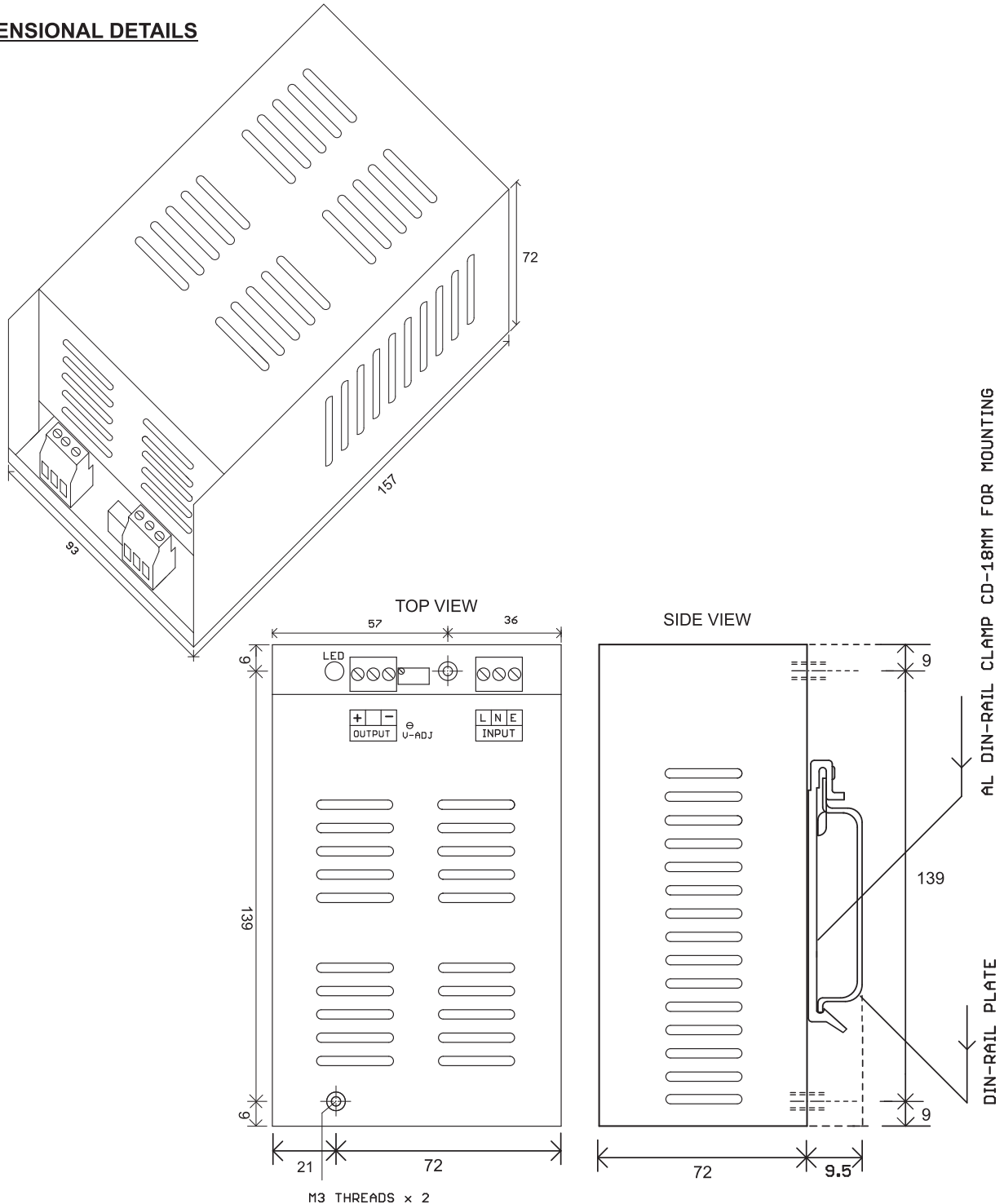
Tel : +91 26811162, Mob : +91 9552545012

Email : info@nuteck.in

Web : www.nuteck.in

240 W Sin le Output Switchin Power Supply

DIMENSIONAL DETAILS



Note : Remove DIN-RAIL Clamp for Panel Mountin
All Dimensions are in MM