

DC DC Converter

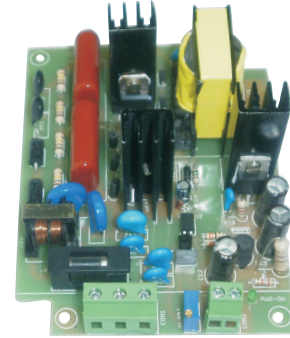
24W

Nuteck Power Solutions Pvt. Ltd.
 1st Floor, h115/5, hRamtekdi Industrial Area,
 Hadapsar, hPune-411013.
 Telh: +91h26811162, Mobh: +91 9552545012
 Emailh: info@nuteck.in
 Web : www.nuteck.in

24W Single Output DC-DC Converter For Solar Application

• Features

- Wide Input Supply Range (250VDC to 1000VDC)
- Built in EMI filter, low ripple noise
- Protections: Short Circuit / Over load / Over temperature
- 100% Full Load Burn in test.
- High efficiency, long life and high reliability
- Miniature size



SPECIFICATION

MODEL		DS24-12	DS24-24
Output	DChVoltage	12V	24V
	RatedhCurrent	2A	1A
	CurrentRange	0-2A	0-1A
	RatedhPower	24W	
	Rippleand NoisehMax.	< 1% Of Rate Voltage.	
	Voltage Adj. Range	+/- 10% Of Rate Voltage.	
	VoltagehTolerance	+/- 1% Of Rate Voltage.	
	LinehRegulation	+/- 1 %	
	Load Regulation	+/- 1 %	
Input	VoltagehRange	250VDC -1000VDC	
	Efficiency	>75%	
Protection	Over Load	Above 105% Rate output Power Protection Type: Hickup Mode, Recovers automatically after fault condition is removed.	
	I/P reverse polarity	Provide	
Environment	WorkinghTemp.	-5DegC to 60DegC.	
	WorkinghHumidity	20 to 90%RH Non Condensing.	
	Storage Temp Humidity	-10 to 85DegC 10 to 95% RH.	
	Vibration	10 to 500Hz, 2G, 20min/sweep, peroi -1Hr, Each along X, Y, Z axes.	
Safety & EMC	Safety Standard	Designed to meet UL60950-1	
	Withstand Voltage	I/P-O/P : 2KVAC, I/P-Earth : 1.5KVAC, O/P-Earth : 500VDC.	
	Isolation Resistance	I/P-O/P, I/P-Earth, O/P-Earth : 100M Ohms / 500VDC.	
	EMIh&hEMC	Inbuilt EMI Filter.	
Others	Cooling	Natural Cooling. Open frame	
Note	1. All parameters NOT specially mentioned are measured at Typical input, rated load and 25Deg.C. 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. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-conformed that it still meets EMC directives. 5. Specifications are subject to change without prior notice due to constant improvement in design & technology.		

SMPS | DC DC Converters | Adapters | PoE Injectors & Splitters | Battery Chargers | Battery Backup Systems
 LED Drivers | OVP | AVR | Relay I/O Modules | Protection Relays | Surge Protectors | Inverters | Fan Controllers

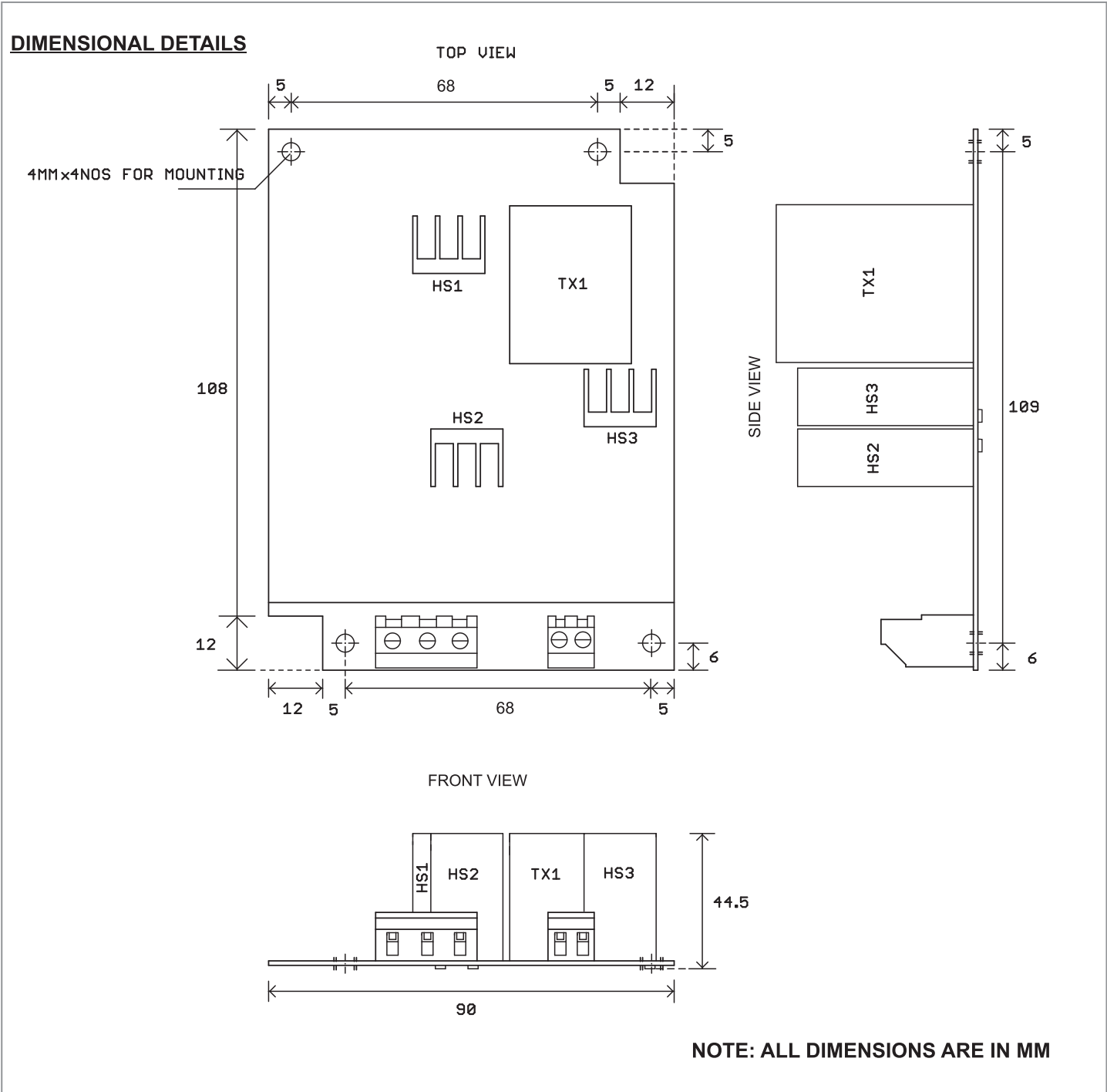
DATASHEET

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