



## TAVAN AZMAYAN

ELECTRIC & ELECTRONIC COMPLEX CO. (p.j.s)

### DC/DC Converter

#### MODEL: TA-CON 24/48-30

Model TA-CON 24/48-30 Converter with favorable technical features like: complete isolation between input / output, regulated output voltage, high efficiency, compact size and full bridge PWM technology is designed and built for use in broad spectrum of applications in different industries (communication, ...).



<b>A- Input</b>		
Voltage:	20 - 29	VDC
Current:	0 - 75	ADC
<b>B- Output</b>		
Voltage:	48	VDC (Regulated)
Current:	0 - 30	ADC
Power:	Upto	1500W
Ripple: (rms)	<1	%
Voltage regulation:	<0.5	%
<b>C- Protection</b>		
Over - Load protection:	Current limit	(Auto. recovery after removal of over-load)
Short Circuit protection:	Current limit	(Auto. recovery after removal of short circuit)
Over - temperature:	Monitors temperature with NTC	
Input:	MCB	100A
<b>D- Current limits</b>		
Over - Load	Over load current	1.1×In Adc
Short Circuit	Short circuit current	1.6×In Adc
<b>E- Cooling</b>		
Cooling fans on demand		
<b>F- Indication &amp; alarm</b>		
Power on:	Green	
Output power:	Green	
Converter fail:	Red	
Over temperature:	Red	
Input reverse:	Red	



**TAVAAAN AZMAYAN**

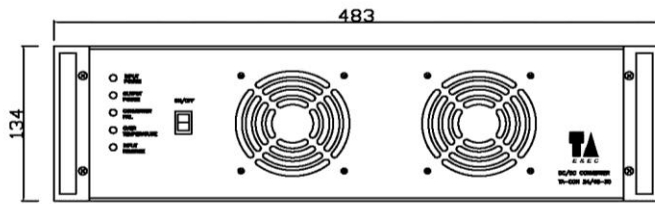
ELECTRIC & ELECTRONIC COMPLEX CO. (p.j.s)

**DC/DC Converter**

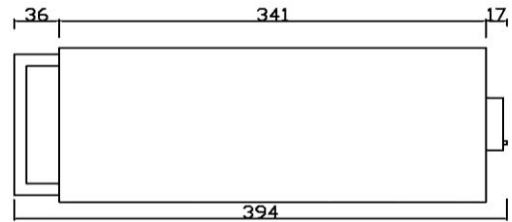
**MODEL: TA-CON 24/48-30**

<b>G- Acoustic noise level</b>	Fan off	0 dB
	Fan on	Quiet
<b>H- Signal to up-stream</b>	N.O/ N.C Contacts for normal and converter failure conditions	
<b>I- Weight , dimensions &amp; Installation</b>	19" rack-3U and stand alone	
	(483x394x134)	mm
	10	kg

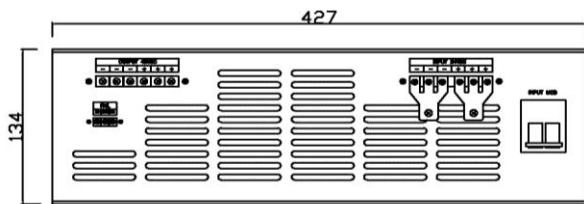
**J- Dimensional Drg.**



FRONT VIEW



SIDE VIEW



REAR VIEW

**Note :** This document is produced for general information only and may change without prior notice