



**Trisan Australia Pty Ltd**  
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## PRODUCT: TRB 75 OLC—OFF LINE CONVERTER

### Application Examples:

**Battery Charging,**  
**[Constant Current, Constant Voltage Battery Charger**  
**(CCCV)] and**  
**Power Supplies**

Line No.	Code	Product Options	Ext. Part No.
1 (e)	D	Switch Board Mount <b>OR</b> Din Rail Mount	<b>SB or DR</b> <b>H, V or OF</b>
2 (e)	E	Horizontal, Vertical <b>OR</b> Open Frame	
3	F	Options:- Temperature Compensation: -4mV/°C/cell	<b>TS</b> <b>TD</b> <b>B</b> <b>P</b>
4	G	Time delayed (5 minutes) Low Voltage, commoned with OLC Alarm	
5	H	Boost Voltage on 10% of Low Voltage. For Wet or Calcium battery.	
6	I	Parallel Capability. Full Load (delta 0,5 Volts)	

7		Electrical Safety: AS/NZ 60335	<b>CONDITION</b>	<b>LIMITS</b>
8		Electrical Safety: Earth Continuity	25 Amps for 2 Secs	<0,1 Ohm
9		Electrical Safety: Electrical Strength	3750 vRms/2S	No Flashover
10		Electrical Safety: Insulation Resistance	500 VDC	>1 Megohm

Line No.	Code	OUTPUT		RANGE		RANGE		RANGE		RANGE
11	B	VDC	12	10 - 18	24	20 - 35	48	40 - 70	110	100 - 140
12	C	AMPS	5	0 - 5	3	0 - 3	1.2	0 - 1.2	0.5	0 - 0.5

Line No.	Code	PARAMETERS	CONDITION	RANGE
13 (e)	A	Input Voltage: Nominal	240 VAC (*)	190 - 265VAC
14 (e)	A		120 VAC (*)	90 - 140VAC
15 (e)	A		Universal (UNI) (*)	90 - 265 VAC
16		Tolerance: All values on specification are subject to 1.5% variation		
17		Efficiency	92%	
18		DC Battery Draw No Load	<1 mA	
19 (e)		Temperature Rated Continuous (Convection Airflow)	50°C	
20		Clearance top and bottom >50°C forced air cooling required.	> 80mm	
21		Input Current	1 Amps max.	
22 (e)		Input Transient Protected - limited	YES	
23		Output Voltage Regulation: Over full input voltage range	<0,05%	
24		Output Power	75 Watts	
25		Overload Protection	Continuous	
26 (e)		Input Frequency	50/60 Hz	40 - 65 Hz
27 (e)		Input/Output Isolation	3750 VAC rms	
28		Power Factor (0,99 UNI)	0,8	
29		Output Connection	Screw Terminals (Phoenix type)	10A /pin max.
30 (e)		Input Connection	Screw Terminals (Phoenix type)	10A /pin max.

31		Commoned Alarms: Voltage Free Contacts (Normally Open, Normally Closed and Common)	OLC Fail	1 Amp max.
32		Weight	0.5 Kg	
33		Chassis	Alodine or Powder Coated	
34		Dimensions: <b>Switch Board Mount</b> Width: 125mm Depth: 95mm Height: 35mm	For Switch Board Mount Add 40mm to width to Include Side Plates	

		PRODUCT	A (*)	B (*)	C (*)	D	E	F	G	H	I
35	<b>Part No.</b>	TRB 75 OLC									
36	<b>EG.</b>	TRB 75 OLC	240	13.2	3	SB	H				

For quoting please complete the part number box as indicated above.

For factory setting, indicate output voltage and current. Please leave boxes blank if options not required.

**Manufacturer's Disclaimer:** The Manufacturer reserves the right to change product specification without notice.

**WARRANTY: 2 Years: Void if product not working within the environmental specification. (e)**