

# DC/AC INVERTER/CHARGER

MODIFIED SINE WAVE 2500W / 12V  
BATTERY CHARGER 45 to 80A



WORLD BEST TRUCK INVERTERS



MODEL	ICM25245	ICM25270	ICM25280
TYPE	INVERTER / CHARGER	INVERTER / CHARGER	INVERTER / CHARGER
GRADE	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL
PART NUMBER	TUN112510	TUN112511	TUN112512
WARRANTY		1 Year <sup>(1)</sup> + 1 Year option <sup>(2)</sup>	

### INVERTER SPECIFICATIONS

Output power	Continuous: 2500W Peak: 5000W		
Input voltage	10-15 VDC / Adjustable - BOT <sup>(3)</sup> (Nominal 12VDC)		
Output voltage	120 VAC +/- 3% 60 Hz		
Output wave form	Modified		
Efficiency (Peak)	DC: 90% AC: 92%		
AC outputs	2 x NEMA 5-15R + Hardwire		
Operating temperatures	-30° to 131°F		
Cooling fan(s)	Thermostatic		
Display	Liquid Crystal Display		
Construction	Steel		
DC inputs	Blocks for 3/8" terminals		
Unit dimensions (L x W x H)	English (in.): 22,1 x 8,5 x 5,1 Metric (cm): 51,7 x 26,5 x 13,2		
Unit weight (Lbs / kg)	19,4 / 8,9		

### CHARGER SPECIFICATIONS

	IBC45	IBC70	IBC80
Continuous charging power	45A	70A	80A
Output voltage	13,2 - 14,4 VDC (Nominal 12 VDC)		
AC input voltage	105-130 VAC 60 Hz		
AC input consumption	8,3A	13,1A	14,9A
AC input cord	NEMA 5-15P	NEMA 5-15P	NEMA 5-20P (20A)
Operating temperatures	-30° to 131°F		
Cooling fan(s)	Thermostatic		
Construction	Steel / Aluminum		
DC inputs	Receptacles (Steel)		
Unit dimensions (L x W x H) - English (in.)	8,3 x 7,3 x 4,5	8,0 x 9,0 x 3,6	11,5 x 9,0 x 3,6
Unit dimensions (L x W x H) - Metric (cm.)	21,1 x 18,5 x 11,4	20,3 x 22,9 x 9,1	29,2 x 22,9 x 9,1
Unit weight (Lbs / kg)	4,5 / 2,0	5,8 / 2,6	7,5 / 3,4

### Link Kit

CM705 (5 Feet max. distance between inverter and charger)

Certification

UL458 (charger only)

### IMPORTANT NOTES

The information in this document is subject to change without notice and should not be construed as a commitment. Tundra International assumes no responsibility for any errors that may appear in this document.

(1) Tundra International warrants its power inverters against defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. This warranty is given only to the first end-user of the product.

(2) A complementary warranty extension of one (1) year is available under certain conditions.

1. Applies to select products only. (M1500 to M2500 / S1800 to S2500)
2. Products must be installed with a Tundra CM series installation kit.
3. The qualified products (power inverter + kit) must be registered online.

(3) Battery Optimization Technology. (BOT) Allows to manually select between two distinctive modes of battery anti-discharge protections.

1. Autonomy mode: 10vdc
2. Engine start mode: 11vdc

