

DC/AC INVERTER/CHARGER

MODIFIED SINE WAVE 1500W / 12V
BATTERY CHARGER 45 to 80A



WORLD BEST TRUCK INVERTERS



MODEL	ICM15245	ICM15270	ICM15280
TYPE	INVERTER / CHARGER	INVERTER / CHARGER	INVERTER / CHARGER
GRADE	PROFESSIONAL	PROFESSIONAL	PROFESSIONAL
PART NUMBER	TUN112504	TUN112505	TUN112506
WARRANTY		1 Year ⁽¹⁾ + 1 Year option ⁽²⁾	

INVERTER SPECIFICATIONS

Output power	Continuous: 1500W Peak: 3000W		
Input voltage	10-15 VDC / Adjustable - BOT ⁽³⁾ (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		
Operating temperatures	-30° to 131°F		
Cooling fan(s)	Thermostatic		
Display	Liquid Crystal Display		
Construction	Aluminum		
DC inputs	Blocks for 3/8" terminals		
Unit dimensions (L x W x H)	English (in.): 15,9 x 7,1 x 3,3 Metric (cm): 40,4 x 18,0 x 8,4		
Unit weight (Lbs / kg)	7,9 / 3,6		

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

