

DC/AC INVERTER/CHARGER

MODIFIED SINE WAVE 3000W / 24V
BATTERY CHARGER 25 & 40A



WORLD BEST TRUCK INVERTERS



| | | |
|--------------------|---------------------------|---------------------------|
| MODEL | ICM30425 | ICM30440 |
| TYPE | INVERTER / CHARGER | INVERTER / CHARGER |
| GRADE | INDUSTRIAL | INDUSTRIAL |
| PART NUMBER | TUN124503 | TUN124504 |
| WARRANTY | 1 Year ⁽¹⁾ | |

INVERTER SPECIFICATIONS

M3024

| | | |
|-----------------------------|--|---------------------------------|
| Output power | Continuous: 3000W Peak: 6000W | |
| Input voltage | 20-30 VDC/ Adjustable - BOT ⁽²⁾ (Nominal 24VDC) | |
| 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) | 20,7 / 9,2 | |

CHARGER SPECIFICATIONS

IBC2524

IBC4024

| | | |
|---|----------------------------------|-------------------|
| Continuous charging power | 25A | 40A |
| Output voltage | 26,4 - 28,8 VDC (Nominal 24 VDC) | |
| AC input voltage | 105-130 VAC 60 Hz | |
| AC input consumption | 12,2A | 14,9A |
| AC input cord | 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 | 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 | 29,2 x 22,9 x 9,1 |
| Unit weight (Lbs / kg) | 4,5 / 2,0 | 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) Battery Optimization Technology, (BOT) Allows to manually select between two distinctive modes of battery anti-discharge protections.

1. Autonomy mode: 20vdc
2. Engine start mode: 22vdc

