



# TORO 720



**Main features:**  
 Reduced weight and dimensions  
 Power from 360W up to 720W  
 Current from 15A to 30A  
 IP66

**DIMENSIONS (LxWxH):** 267 x 189 x 81mm - 10.51 x 7.44 x 3.18 in  
**WEIGHT:** 4.1 Kg - 9,039 lbs  
**PROTECTION GRADE:** IP66 (enclosure)  
**INPUT VOLTAGE:** Universal 100 ÷ 240 Vac – 50-60 Hz



Battery Voltage	Battery Range (5h)		Battery Range (20h) 10-12 hours charging time	Charging Current	Model
	8-9 hours charging time	10-12 hours charging time			
24V	80 ÷ 110 Ah	100 ÷ 150 Ah	130 ÷ 185 Ah	15A	24-15
	95 ÷ 120 Ah	120 ÷ 195 Ah	150 ÷ 240 Ah	20A	24-20
	120 ÷ 160 Ah	180 ÷ 260 Ah	220 ÷ 315 Ah	25A	24-25
	145 ÷ 180 Ah	200 ÷ 280 Ah	245 ÷ 350 Ah	30A	24-30
48V	40 ÷ 55 Ah	50 ÷ 75 Ah	65 ÷ 93 Ah	7.5A	48-7.5
	48 ÷ 60 Ah	60 ÷ 98 Ah	75 ÷ 140 Ah	10A	48-10
	60 ÷ 80 Ah	90 ÷ 130 Ah	110 ÷ 158 Ah	12.5A	48-12.5
	73 ÷ 90 Ah	100 ÷ 140 Ah	123 ÷ 175 Ah	15A	48-15

Electrical	
Input	100 ~ 240Vac, 50/60Hz
Output	24Vdc/30A; 48Vdc/15A
	720W
Efficiency	Up to 92%
Communication	CAN 2.0 BLE(*)
Operation Interface	3 LED
Mechanical	
Dimension	267 x 189 x 81(H)mm - 10.51 x 7.44 x 3.18 in
Weight (Kg)	4.1 Kg - 9,039 lbs
AC input connector	AC Male C16
DC output connector	JONHON ICA-BY20F0200J, 2pins
Communication connector	Amphenol CD-10PMMS-QC8001, 10pins
Mounting holes	M6 diameter slots
Environmental	
IP Level	IP66 (enclosure)
Shock & Vibration	ISO 16750-3
Operation Temp.	-40 ~ 65°C
Storage Temp.	-40 ~ 85°C
Regulatory	
Safety	Can Comply with UL 1564/ IEC 60335-2-29 / CSA C22.2 <ul style="list-style-type: none"> <li>• Reverse polarity protection, OTP, OCP, OVP, Charge timeout protection</li> <li>• * BLE for charging monitor and data log</li> </ul>
Design Features	<ul style="list-style-type: none"> <li>• Battery temperature sensor</li> <li>• Remote LED (otp.)</li> <li>• Interlock (1A)</li> </ul>

\*BLE for charging monitor, data log, profiles setting.

