

Technical Specifications

Solar Stik™ Marine

Construction	T6061 Brushed Aluminum Superstructure (Non-Anodized) 316/304L Stainless Steel components and hardware
Weight Assembled (mount included)	100W Deck Mount System - 70 lbs 100W Transom Mount System – 80 lbs
Weight Disassembled (mount excluded)	20 lbs x 3 components (mast, and two panels)
Mast Base Diameter	3.5 in
Mast Top Mount (Height & Diameter)	5 in height x 1 in diameter
Total Mast Height	87 in
Panel Height From Mast Base	63 in
Solar Panel Lifting Arm Dimensions (each)	22 x 34 inches
Transom Mount Upper Support Arms (un-cut)	36 in x 1.25 in T5052 Anodized Pipe
Transom Mount Lower Support Arm (un-cut)	30 in x 1.25 in T5052 Anodized Pipe
Transom Mount Support Arm Footpad Diameter	4 in round 4-hole (includes backing plate)
Deck Mount Trim Ring	8 in round 3-hole (does not include backing plate)
Mast Socket Depth (Deck & Transom)	24 in
Mast Socket Inner Diameter (Deck & Transom)	3.5 in
Solar Stik™ Axes of Movement	3
Power Output	100W @ 17.5VDC **
Electrical	Simple Positive(+) and Negative(-) circuit, 12AWG Marine Tinned Wire
Connections	Polarized and weatherproof “power-output” receptacle for connections
Solar Panel	Two BP 350J solar panels

** Solar Stik™ power output **increases** with use of supplied MPPT charge controls in a 12VDC system.