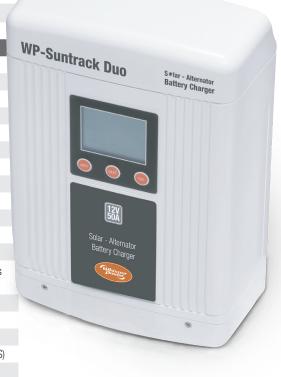# Suntrack DUO Battery Charger

12 V / 50 A

With our state of the art, easy to use design, this product will offer you reliable service for providing a multi-stage, multi-input battery charger to charge the different types of batteries you have installed in either your home, boats, RV caravan, 4WD or commercial vehicle.

	WP-SUNTRACK DUO - 50A
	60111430
OUTPUT RATING	
Output Current (Maximum)	50A
Output Voltage	12V Nominal
Output Power	775W
CHARGER DC OUTPUT- HOUSE BATTERY (CH1)	
Selectable Battery Type	GEL, AGM, Flooded, Lithium, Program
Bulk /Float Voltage Range	
GEL:	14.4 / 13.7 Vdc
AGM:	14.6 / 13.6 Vdc
Flooded:	14.4 / 13.3 Vdc
Lithium:	13.9 - 14.6 Vdc
Program:	13.8 - 14.8 Vdc
Restart Voltage (GEL, AGM, Flooded, Program)	12.5 Vdc
Restart Voltage (Lithium)	13.3 Vdc
Charger Current (User Selectable)	5-50A (5A steps)
Equalized Voltage (Flooded Battery only)	15.5 Vdc
Equalized Charging Current	10% of Bulk Current Setting
Charging Control	GEL, AGM Flooded, Program Mode: Two or Three Stages Lithium: Three Stages only
DC Output Bank	Single
Current draw from CH1 with unit ON	< 70 mA
Current draw from CH1 with Unit OFF	< 200 uA
Battery Temperature Setting	Low / Normal / High (automatically overridden with optional BTS)
Efficiency	95%
Minimum Operating Voltage	8.0 Vdc
DC INPUT - SOLAR ARRAY/PANELS (CH2- SOLAR)	
Input Voltage	14.5 – 50 Vdc
Maximum Solar Input Current	30A
Maximum Solar Input Power: 12V Panel	500W (600W max)
24V Panel	750W (800W max)
DC INPUT – ALTERNATOR/ START BATTERY (CH3- ALTERNATOR/START)	
Input Voltage	10.5 – 16.0 Vdc / 21 – 32 Vdc
Maximum Input Current (as per max. setting)	50A
ENVIRONMENTAL AND OPERATING TEMPERATURE	
Storage Range	-40° to 158° F
Operating Range	-4° to 140° F
Humidity	5-95%, RH non-condensing
Ingress Protection	IP32
WEIGHT AND DIMENSIONS	
WP-Suntrack Duo 30/50A	4.07 lbs, 9.52 x 6.77 x 2.91 in
REGULATORY COMPLIANCE	
Standards/EMC (North America)	Class B according to FCC part15B and ANSI C63.4
Standards/EMC (European Union)	CE marked for the EMC directive 2004-108-EC Complying with EN55014-1, EN55014-2, EN61000-3-2 and EN61000-3-3 (as equivalent IEC standards series)

kraken POWER

KrakenPower
Tel: +1 (619) 670-9590
theteam@krakenpower.com

www.krakenpower.com