Solar Systems Suntrack DUO

12 V / 50 A - 24 V / 30 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	WP-SUNTRACK DUO - 30A
Art. Nr.	60111430	60111431
OUTPUT RATING		
Output Current (Maximum)	50A	30A
Output Voltage	12V Nominal	24V Nominal
Output Power	775W	930W
CHARGER DC OUTPUT- HOUSE BATTERY (CH1)		
Selectable Battery Type	GEL, AGM, Flooded, Lithium, Program	
Bulk /Float Voltage Range		
GEL:	14.4 / 13.7 Vdc	28.8 / 27.4 Vdc
AGM:	14.6 / 13.6 Vdc	29.2 / 27.2 Vdc
Flooded:	14.4 / 13.3 Vdc	28.8 / 26.6 Vdc
Lithium:	13.9 - 14.6 Vdc	27.8 – 29.2 Vdc
Program:	13.8 - 14.8 Vdc	27.6 – 29.6 Vdc
Restart Voltage (GEL, AGM, Flooded, Program)	12.5 Vdc	25.0 Vdc
Restart Voltage (Lithium)	13.3 Vdc	26.6 Vdc
Charger Current (User Selectable)	5-50A (5A steps)	5/ 10 / 20 / 30A
Equalized Voltage (Flooded Battery only)	15.5 Vdc	31.0 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	16.0 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)	500W (600W max)
24V Panel	750W (800W max)	900W (1080W 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 70° C (-40° to 158° F)	
Operating Range	-20° to 60° C (-4° to 140° F)	
Humidity	5-95%, RH non-condensing	
Ingress Protection	IP32	
WEIGHT AND DIMENSIONS		
WP-Suntrack Duo 30/50A	1.85 Kg, 242x172x74 mm	
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)	

Generating Confidence

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