

## Overview of MPPT-BOOST wind solar hybrid charge controllers for SilentShark wind generators

MPPT hybrid charge controller for wind generator	SilentShark S401			SilentShark S601		
	WWS04-12-12	WWS04-24-24	WWS04-48-48	WWS06-12-12	WWS06-24-24	WWS-06-48-48
MPPT Hybrid charge controller type	WWS04-12-12	WWS04-24-24	WWS04-48-48	WWS06-12-12	WWS06-24-24	WWS-06-48-48
Internal power consumption	<20mA					
Battery system voltages in volts	12	24	48	12	24	48
Max. power input wind generator 3-phase AC (at end-of-charge voltage)	450 W	500W	550W	600W	650W	700 W
Max. current input wind generator 3-phase AC	32A	25A	12A	50A	25A	12A
Max. power input solar system	300Wp	300Wp	300Wp	<b>150Wp</b>	300Wp	300Wp
Max. current input solar system	20A	10A	6,25A	13A	10A	6,25A
Max. open-circuit voltage at solar input	24V	48V	96V	24V	48V	96V
Max. charging current wind/solar total	50A	35A	18,25A	63A	35A	18,25A
Max. switch-off current at the load output	2x10A	2x10A	No load output!	1x10A	2x10A	No load output!
End-of-charge voltages adjustable for the battery types	Lead-acid, gel, AGM, Lithium (according to manufacturer)					
Dimensions (LxWxH) in mm	220 x 150 x 82					
Weight	2,80kg					
Warranty	24 months					

[www.sprecowindgenerators.com](http://www.sprecowindgenerators.com)

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