

Hybrid Charge Controllers PN-HY-WSC and PN-HY-C10

The advanced wind/solar hybrid controllers are specially designed for Off-Grid wind/solar hybrid power systems, such as for residents, street lights etc. They help the wind generator and solar cells to charge the batteries safely and efficiently.



Technical Data	PN-HY-WSC04-12	PN-HY-WSC04-24	PN-HY-WSC06-24	PN-HY-WSC06-48	PN-HY-C10-24	PN-HY-C10-48
Rated Wind Turbine Power	400 W	400 W	600 W	600 W	1.000 W	1.000 W
Peak Output	600 W	600 W	900 W	900 W	1.500 W	1.500 W
Rated Solar Input Power	150 W	300 W	300 W	300 W	300 W	300 W
Output Voltage	12 VDC	24 VDC	24 VDC	48 VDC	24 VDC	48 VDC
Working Temp. Range	- 20°C ... + 55°C					
Package Size	18 x 15,5 x 10 cm				51 x 51 x 24 cm	
Weight	1,9 kg	1,9 kg	1,9 kg	1,9 kg	10 kg	10 kg
Certificate	ISO9001:2008, CE					
End of Charge Voltage	14,5 V	29 V	29 V	58 V	29 V	58 V
Low Voltage Disconnection	10,8 V	21,6 V	21,6 V	43,2 V	-	-
Wind Turbine Brake Current	34 A	17 A	25 A	13 A	42 A	21 A
Rated Output Current of Load 1 and 2	10 A					
Load 1 Output Control Mode	3 Modes Selection				-	-
Control Mode	PWM					
Display Mode	LCD					
Quiescent Current	20 mA				30 mA	
Article No.	310131	310132	310133	310134	310135	310136