



Wind & Solar

Renewable Energy Experts

www.windandsolar.co.za

087 057 7255

ReGen_WWS03-12_N00D	
Rated Power	300W
Maximum Wind Turbine Input Power	450W
Rated Battery Voltage	12V
Rated Solar input power	150W
Display Mode	LCD
Dumplload Start Voltage	13.5V
Complete Discharge Voltage	14.5V
Wind Turbine Brake Current	30A
Battery Under Voltage Shutoff	10.8V
Battery Under Voltage Recovery	12V
Input Over Voltage Shutoff	16V
Light Control On Voltage	1V
Light Control Off Voltage	1.5V
Rated Output of Load 1 and Load 2	10A
Load 1 Output Control Mode	Light Control On and Light Control Off
Load 2 Output Control Mode	Light Control On and Time Control 5 Hours Off
Dumplload Control Mode	PWM
Protection Level	IP53 (Indoor)
Quiescent Current	≤ 20mA
Display Content	Battery Voltage, Wind Turbine Voltage, PV Voltage, Wind Turbine Current, PV Current, Wind Turbine Power, PV Power, Over Voltage, Under Voltage, Over Load, Short Circuit, Night ect status
Protection Functions	Solar reverse charge protection, Solar reverse connection protection, Battery over charge protection, Battery over discharge protection, Battery reverse connection protection, Over load protection, Short circuit protection, Lighting Protection, Wind turbine current limiting, Wind turbine current limiting, Wind turbine automatic brake and manual brake.
Battery Support	Lithium, Deep Cycle, Lead Acid, Gel and AGM
Ambient Temperature	-20~+55°C
Ambient Humidity	0~93%, (Without Condensation)
Packaging Dimensions (L×W×H)	14cm x 15cm x 8cm
Net Weight	1.9 kg
Brochure updated	2020-02-06



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