


Top Venture Energy Limited


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Technical Specification:


Model(Street Light Controller)	TWC03-12	TWC06-24
Picture		
Rated Wind Input Power	0.3kW	0.6kW
Rated PV Input Power	0.1kW	0.2kW
Rated Battery Voltage	12V _{DC}	24V _{DC}
Floating Charge Voltage	14.5V _{DC}	29V _{DC}
Under Voltage Point	11V _{DC}	22V _{DC}
Under Voltag Recovery Point	12V _{DC}	24V _{DC}
Max. Light Controlling DC Output Power	120W	
Max. Time Controlling DC Output Power	120W	
Control Mode	PWM	
Display Method	LED	
Cooling Method	Natural Cooling	
Protection Type	Solar panel reverse-charge protection 、 Solar panel reverse-connect protection、 Battery over-charge protection、 Battery over-discharge protection 、 Batteryreverse-connect protection 、 Battery open curcuit protection 、 wind turbine automatic brake and Manual brake protection	
Operation Ambient Temperature	-20~50℃	
Operation Altitude	≤4000m	
Operation Ambient Humidity	0~90%,no condensing	
Size(WxHxD)mm	(Single-phase) 150x68x150	(Three -phase) 190x68x150
Weight (KG)	(Single-phase) 0.8	(Three -phase) 1.1

We can adjust the configurations and parameters according to customers' requirement.


Technical Specification:

Model	TWC10-24	TWC10-48
Picture		
Rated Wind Input Power	1kW	
Rated PV Input Power	0.3KW	
Rated Battery Voltage	24V _{DC}	48V _{DC}
Floating Charge Voltage	28V _{DC}	56V _{DC}
Control Mode	PWM	
Display Method	LCD	
Display Parameter	Battery Voltage, Charging Current, state parameter	
Cooling Method	Fan	
Protection Type	Solar panel reverse-charge protection、Solar panel reverse-connect protection、Battery reverse-connect protection、Battery open circuit protection、wind turbine automatic brake and Manual brake protection	
Operation Ambient Temperature	-20~50℃	
Operation Altitude	≤4000m	
Operation Ambient Humidity	0~90%,no condensing	
Size(W×H×D)mm	430×200×370	
Weight (KG)	7.2	
<p>We can adjust the configurations and parameters according to customers' requirement.</p>		

Technical Specification:

Model	TWC20-48	TWC20-96	TWC20-120	TWC20-220	TWC20-240
Picture					
Rated Wind Input Power	2kW				
Rated PV Input Power	0.6kW				
Rated Battery Voltage	48V _{DC}	96V _{DC}	120V _{DC}	216V _{DC}	240V _{DC}
Floating Charge Voltage	56V _{DC}	112V _{DC}	140V _{DC}	252V _{DC}	280V _{DC}
Control Mode	PWM				
Display Method	LCD				
Display Parameter	Battery Voltage, Charging Current, state parameter				
Cooling Method	Fan				
Protection Type	Solar panel reverse-charge protection、Solar panel reverse-connect protection、Battery reverse-connect protection、Battery open circuit protection、wind turbine automatic brake and Manual brake protection				
Operation Ambient Temperature	-20~50℃				
Operation Altitude	≤4000m				
Operation Ambient Humidity	0~90%,no condensing				
Size(W×H×D)mm	470×230×410				
Weight (KG)	12				
We can adjust the configurations and parameters according to customers' requirement.					


Technical Specification:

Model	TWC30-48	TWC30-96	TWC30-120	TWC30-220	TWC30-240
Picture					
Rated Wind Input Power	3kW				
Rated PV Input Power	0.9kW				
Rated Battery Voltage	48V _{DC}	96V _{DC}	120V _{DC}	216V _{DC}	240V _{DC}
Floating Charge Voltage	56V _{DC}	112V _{DC}	140V _{DC}	252V _{DC}	280V _{DC}
Control Mode	PWM				
Display Method	LCD				
Display Parameter	Battery Voltage, Charging Current, state parameter				
Cooling Method	Fan				
Protection Type	Solar panel reverse-charge protection 、 Solar panel reverse-connect protection 、 Battery reverse-connect protection 、 Battery open circuit protection 、 wind turbine automatic brake and Manual brake protection				
Operation Ambient Temperature	-20~50℃				
Operation Altitude	≤4000m				
Operation Ambient Humidity	0~90%,no condensing				
Size(W×H×D)mm	480×550×240				
Weight (KG)	13.2				
We can adjust the configurations and parameters according to customers' requirement.					

Technical Specification:

Model	TWC50-96	TWC50-120	TWC50-220	TWC50-240
Picture				
Rated Wind Input Power	5kW			
Rated PV Input Power	1.5kW			
Rated Battery Voltage	96V _{DC}	120V _{DC}	216V _{DC}	240V _{DC}
Floating Charge Voltage	112V _{DC}	140V _{DC}	252V _{DC}	280V _{DC}
Control Mode	PWM			
Display Method	LCD			
Display Parameter	Battery Voltage, Charging Current, state parameter			
Cooling Method	Fan			
Protection Type	Solar panel reverse-charge protection 、 Solar panel reverse-connect protection 、 Batteryreverse-connect protection 、 Battery open circuit protection、 wind turbine automatic brake and Manual brake protection			
Operation Ambient Temperature	-20~50℃			
Operation Altitude	≤4000m			
Operation Ambient Humidity	0~90%,no condensing			
Size(W×H×D)mm	(Dumpload box)820×250×485		(Control box) 440×210×380	
Weight (KG)	(Dumpload box)25.5		(Control box)10	
We can adjust the configurations and parameters according to customers' requirement.				

Technical Specification:

Model	TWC100-120	TWC100-220	TWC100-240	TWC100-360
Picture				
Rated Wind Input Power	10kW			
Rated PV Input Power	3kW			
Rated Battery Voltage	120V _{DC}	216V _{DC}	240V _{DC}	360V _{DC}
Floating Charge Voltage	140V _{DC}	252V _{DC}	280V _{DC}	420V _{DC}
Control Mode	PWM			
Display Method	LCD			
Display Parameter	Battery Voltage, Charging Current, state parameter			
Cooling Method	Fan			
Protection Type	Solar panel reverse-charge protection、Solar panel reverse-connect protection、Battery reverse-connect protection、Battery open circuit protection、wind turbine automatic brake and Manual brake protection			
Operation Ambient Temperature	-20~50°C			
Operation Altitude	≤4000m			
Operation Ambient Humidity	0~90%,no condensing			
Size(W×H×D)mm	(Dumpload box)600×890×600		(Control box)440×210×380	
Weight (KG)	(Dumpload box) 59		(Control box)10	
We can adjust the configurations and parameters according to customers' requirement.				

Technical Specification:

Model	TWC200-220	TWC200-240	TWC200-360	TWC200-480
Picture				
Rated Wind Input Power	20kW			
Rated PV Input Power	6kW			
Rated Battery Voltage	216V _{DC}	240V _{DC}	360V _{DC}	480V _{DC}
Floating Charge Voltage	252V _{DC}	280V _{DC}	420V _{DC}	560V _{DC}
Control Mode	PWM			
Display Method	LCD			
Display Parameter	Battery Voltage, Charging Current, state parameter			
Cooling Method	Fan			
Protection Type	Solar panel reverse-charge protection 、 Solar panel reverse-connect protection 、 Battery reverse-connect protection 、 Battery open circuit protection 、 wind turbine automatic brake and Manual brake protection			
Operation Ambient Temperature	-20~50℃			
Operation Altitude	≤4000m			
Operation Ambient Humidity	0~90%,no condensing			
Size(W×H×D)mm	(Dumpload box)600×1690×600		(Control box) 440×210×380	
Weight (KG)	(Dumpload box) 109		(Control box)10	
We can adjust the configurations and parameters according to customers' requirement.				

We reserve the right to update the products without notice

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