

# Horizontal axis wind turbine



S model



S4 model

型号 Model	S/S4-100	S/S4-200	S/S4-300	S/S4-400
额定功率 Rated power	100W	200W	300W	400W
额定电压 Rated voltage	12V/24V/48V			
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.15m	1.2m	1.25m	1.35m
叶片数量 Number of blades	3/5/6/8/10			
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	6kg/8kg	6.5kg/8.5kg	7kg/9kg	7.5kg/9.5kg
包装尺寸 Packing size	670*280*210mm			
<b>Price - Only wind turbine, no pole</b>	<b>96 USD/Set</b>	<b>102 USD/Set</b>	<b>112 USD/Set</b>	<b>117 USD/Set</b>



S5 model



S3 model

型号 Model	S5/S3-100	S5/S3-200	S5/S3-300	S5/S3-400
额定功率 Rated power	100W	200W	300W	400W
额定电压 Rated voltage	12V/24V/48V			
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.1m	1.15m	1.2m	1.3m
叶片数量 Number of blades	3/5/6/8/10			
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	6kg/8kg	6.5kg/8.5kg	7kg/9kg	7.5kg/9.5kg
包装尺寸 Packing size	S3=710*280*205mm / S5=720*260*215mm			
<b>Price - Only wind turbine, no pole</b>	<b>81 USD/Set</b>	<b>85 USD/Set</b>	<b>88 USD/Set</b>	<b>91 USD/Set</b>



S6 model



S7 model

型号 Model	S6/S7-100	S6/S7-200	S6/S7-300	S6/S7 -400
额定功率 Rated power	100W	200W	300W	400W
额定电压 Rated voltage	12V/24V/48V			
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.15m	1.2m	1.25m	1.35m
叶片数量 Number of blades	3/5/6/8/10			
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	6kg/8kg	6.5kg/8.5kg	7kg/9kg	7.5kg/9.5kg
包装尺寸 Packing size	S6=800*325*200mm / S7=690*295*200mm			
<b>Price - Only wind turbine, no pole</b>	<b>98 USD/Set</b>	<b>105 USD/Set</b>	<b>115 USD/Set</b>	<b>118 USD/Set</b>



S8 model



S9 model



S10 model



S11 model

型号 Model	S8/S9/S10/S11-100	S8/S9/S10/S11-200	S8/S9/S10/S11-300	S8/S9/S10/S11-400
额定功率 Rated power	100W	200W	300W	400W
额定电压 Rated voltage	12V/24V/48V			
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.1m	1.15m	1.2m	1.3m
叶片数量 Number of blades	3/5/6/8/10			
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	6kg/8kg	6.5kg/8.5kg	7kg/9kg	7.5kg/9.5kg
包装尺寸 Packing size	690*295*200mm			
<b>Price - Only wind turbine, no pole</b>	<b>81 USD/Set</b>	<b>85 USD/Set</b>	<b>88 USD/Set</b>	<b>91 USD/Set</b>



M model



M3 model

型号 Model	M-400	M-500	M3-400	M3-500
额定功率 Rated power	400W	500W	400W	500W
额定电压 Rated voltage	12V/24V/48V			
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.35m	1.55m	1.65m	
叶片数量 Number of blades	3/5		3	
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	12kg/14kg	13kg/15kg	12.5kg/14.5kg	13.5kg/15.5kg
包装尺寸 Packing size	930*400*215mm			
<b>Price - Only wind turbine, no pole</b>	<b>135 USD/Set</b>	<b>152 USD/Set</b>	<b>155 USD/Set</b>	<b>161 USD/Set</b>



M2 model



M2-2 model

型号 Model	M2-500	M2-600	M2-2-800	M2-2-1000
额定功率 Rated power	500W	600W	800W	1000W
额定电压 Rated voltage	12V/24V/48V	24V/48V/96V		
启动风速 Start the wind speed	2m/s			
额定风速 Rated wind speed	12m/s			
安全风速 Safe wind speed	≤50m/s			
风轮直径 Wind blade diameter	1.6m	1.65m	1.65m	
叶片数量 Number of blades	3/5			
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber			
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum			
磁钢材料 Magnetic steel material	钕铁硼 NdFeB			
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator			
控制方式 Control mode	电磁刹车 Electromagnetic brakes			
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle			
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54			
净重/毛重 Net weight/gross weight	15kg/17kg	16kg/17kg	18kg/20kg	20kg/22kg
包装尺寸 Packing size	930*360*270mm		1070*360*265mm	
Price - Only wind turbine, no pole	176 USD/Set	195 USD/Set	271 USD/Set	321 USD/Set



M4 model



M5/M6 model

型号 Model	M4-600	M5-800	M6-1000
额定功率 Rated power	600W	800W	1000W
额定电压 Rated voltage	12V/24V/48V	24V/48V/96V	
启动风速 Start the wind speed	2m/s		
额定风速 Rated wind speed	12m/s		
安全风速 Safe wind speed	≤50m/s		
风轮直径 Wind blade diameter	1.85m/1.65m	2m	2.1m
叶片数量 Number of blades	3/5		
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber		
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum		
磁钢材料 Magnetic steel material	钕铁硼 NdFeB		
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator		
控制方式 Control mode	电磁刹车 Electromagnetic brakes		
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle		
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54		
净重/毛重 Net weight/gross weight	20kg/22kg	26kg/28kg	28kg/30kg
包装尺寸 Packing size	1100*400*300mm	1150*400*300mm	
Price - Only wind turbine, no pole	228 USD/Set	304 USD/Set	338 USD/Set



## M8/M10 model

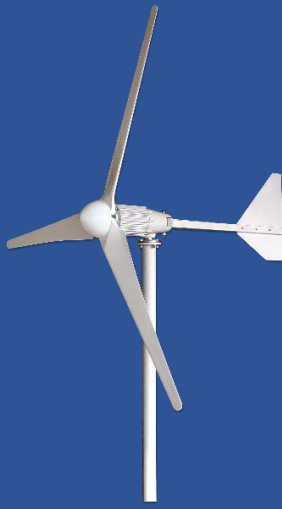
型号 Model	M8-1500	M10-2000
额定功率 Rated power	1500W	2000W
额定电压 Rated voltage	48V/96V	
启动风速 Start the wind speed	2m/s	
额定风速 Rated wind speed	12m/s	
安全风速 Safe wind speed	≤50m/s	
风轮直径 Wind blade diameter	2.2m	2.5m
叶片数量 Number of blades	3	
叶片材质 Blade material	增强尼龙纤维 Reinforced nylon fiber	
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum	
磁钢材料 Magnetic steel material	钕铁硼 NdFeB	
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator	
控制方式 Control mode	电磁刹车 Electromagnetic brakes	
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle	
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54	
净重/毛重 Net weight/gross weight	32kg/35kg	35kg/40kg
包装尺寸 Packing size	1320*400*300mm	
<b>Price - Only wind turbine, no pole</b>	<b>457 USD/Set</b>	<b>558 USD/Set</b>





L1 model

型号 Model	L1-1000	L1-1500	L1-2000
额定功率 Rated power	1000W	1500W	2000W
额定电压 Rated voltage	48V/96V/120V/220V/240V		
启动风速 Start the wind speed	2m/s		
额定风速 Rated wind speed	11m/s		
安全风速 Safe wind speed	≤50m/s		
风轮直径 Fan blade diameter	2.6m	2.8m	3.1m/3.2m
叶片数量 Number of blades	3		
叶片材质 Blade material	增强玻璃钢 Reinforced FRP		
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum		
磁钢材料 Magnetic steel material	钕铁硼 NdFeB		
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator		
控制方式 Control mode	电磁刹车 Electromagnetic brakes		
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle		
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54		
净重/毛重 Net weight/gross weight	48kg/52kg	53kg/57kg	58kg/62kg
包装尺寸 Packing size	67*48*26cm+130*27*27cm	67*48*26cm+147*27*27cm	67*48*26cm+162*27*27cm
<b>Price-Only wind turbine, no pole</b>	<b>525 USD/Set</b>	<b>610 USD/Set</b>	<b>710 USD/Set</b>



L2 model

型号 Model	L2-2000	L2-2500	L2-3000
额定功率 Rated power	2000W	2500W	3000W
额定电压 Rated voltage	48V/96V/120V/220V/240V		
启动风速 Start the wind speed	2m/s		
额定风速 Rated wind speed	10m/s	11m/s	
安全风速 Safe wind speed	≤50m/s		
风轮直径 Wind blade diameter	3.5m	3.8m	4.1m
叶片数量 Number of blades	3		
叶片材质 Blade material	增强玻璃钢 Reinforced FRP		
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum		
磁钢材料 Magnetic steel material	钕铁硼 NdFeB		
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator		
控制方式 Control mode	电磁刹车 Electromagnetic brakes		
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle		
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54		
净重/毛重 Net weight/gross weight	75kg/90kg	85kg/100kg	95kg/110kg
包装尺寸 Packing size	75*37*37cm+175*23*32cm+ 74*52*5	75*37*37cm+185*23*32cm+ 74*52*5	75*37*37cm+200*23*32cm+ 74*52*5
<b>Price-Only wind turbine, no pole</b>	<b>964 USD/Set</b>	<b>1133 USD/Set</b>	<b>1319 USD/Set</b>



G model

型号 Model	G-3000	G-5000	G-7500
额定功率 Rated power	3000W	5000W	7500W
额定电压 Rated voltage	120V/220V/240V/380V		
启动风速 Start the wind speed	2.5m/s		
额定风速 Rated wind speed	10m/s	11m/s	
安全风速 Safe wind speed	≤50m/s		
风轮直径 Fan blade diameter	4.8m	5.4m	5.8m
叶片数量 Number of blades	3		
叶片材质 Blade material	增强玻璃钢 Reinforced FRP		
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum+钢材 steel		
磁钢材料 Magnetic steel material	钕铁硼 NdFeB		
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator		
控制方式 Control mode	电磁刹车 Electromagnetic brakes		
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle		
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54		
净重/毛重 Net weight/gross weight	215kg/245kg	285kg/315kg	295kg/325kg
包装尺寸 Packing size	90*52*45cm+230*30*38cm+ 48*48*50cm	90*52*45cm+300*42*44cm+ 116*87*5	95*55*61cm+285*33*37cm+ 94*42*28cm
Price-Only wind turbine, no tower	2114 USD/Set	2310 USD/Set	3156 USD/Set

Request a full system quote at Web: [www.pvmars.com](http://www.pvmars.com) / WA: +86 13006765367



G model

型号 Model	G-10K	G-12.5K	G-15K
额定功率 Rated power	10KW	12.5KW	15KW
额定电压 Rated voltage	120V/220V/240V/380V		
启动风速 Start the wind speed	2.5m/s		
额定风速 Rated wind speed	11m/s		
安全风速 Safe wind speed	≤50m/s		
风轮直径 Wind blade diameter	6.5m	7.4m	8m
叶片数量 Number of blades	3		
叶片材质 Blade material	增强玻璃钢 Reinforced FRP		
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum+钢材 steel		
磁钢材料 Magnetic steel material	钕铁硼 NdFeB		
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator		
控制方式 Control mode	电磁刹车 Electromagnetic brakes		
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle		
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54		
净重/毛重 Net weight/gross weight	215kg/245kg	285kg/315kg	295kg/325kg
包装尺寸 Packing size	90*52*45cm+230*30*38cm+ 48*48*50cm	90*52*45cm+300*42*44cm+ 116*87*5	95*52*45cm+60*52*34cm+ 320*38*38cm+115*82*6cm
<b>Price-Only wind turbine, no tower</b>	<b>4425 USD/Set</b>	<b>5102 USD/Set</b>	<b>6285 USD/Set</b>



G model

型号 Model	G-20K	G-30K
额定功率 Rated power	20KW	30KW
额定电压 Rated voltage	220V/240V/380V	
启动风速 Start the wind speed	2.5m/s	
额定风速 Rated wind speed	11m/s	
安全风速 Safe wind speed	≤50m/s	
风轮直径 Wind blade diameter	9.5m	12m
叶片数量 Number of blades	3	
叶片材质 Blade material	增强玻璃钢 Reinforced FRP	
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum+钢材 steel	
磁钢材料 Magnetic steel material	钕铁硼 NdFeB	
发电机类型 Generator type	三相交流永磁同步发电机 Three-phase AC permanent magnet synchronous generator	
控制方式 Control mode	电磁刹车 Electromagnetic brakes	
风向调整 Wind direction adjustment	自动调整迎风角度 Automatically adjusts the windward angle	
寿命 Service life/ 防护等级 Degree of protection	≥ 20 years/ IP54	
净重/毛重 Net weight/gross weight	1050kg/1150kg	
包装尺寸 Packing size	147*72*96cm+461*55*50cm+65*65*32cm+ 145*120*6cm	
<b>Price-Only wind turbine, no tower</b>	<b>8033 USD/Set</b>	<b>11534 USD/Set</b>

Request a full system quote at Web: [www.pvmars.com](http://www.pvmars.com) / WA: +86 13006765367



## Electronically controlled type

型号 Model	DK-10K	DK-20K	DK-30K	DK-50K	DK-60K
额定功率 Rated power	10KW	20KW	30KW	50KW	60KW
额定电压 Rated voltage	220V/240V/380V/480V……定制 Custom production				
启动风速 Start the wind speed	2.5m/s				
额定风速 Rated wind speed	10.5m/s			11m/s	
额定转速 Rated speed	180rpm	180rpm	140rpm	110rpm	110rpm
安全风速 Safe wind speed	≤50m/s				
风轮直径 Wind blade diameter	7m	8m	10.5m	13.2m	15.5m
叶片数量 Number of blades	3				
叶片材质 Blade material	增强玻璃钢 Reinforced FRP				
机身材质 Fuselage material	增强压铸铝 Reinforced die-cast aluminum+铸铁 cast iron			铸铁 cast iron	
磁钢材料 Magnetic steel material	钕铁硼 NdFeB				
发电机类型 Generator type	三相交流永磁同步直驱发电机/ Three-phase AC permanent magnet synchronous direct drive generator				
防雷措施 Lightning protection measures	防雷模块+防雷接地/Lightning protection module + lightning protection grounding				
风向调整 Wind direction adjustment	电控自动偏航迎风/Electronically controlled automatic yaw to the wind				
绝缘等级 Insulation class 防护等级 Degree of protection	F IP54				
整机净重 Net weight of the whole machine	≈800kg	≈1100kg	≈1600kg	≈2000kg	≈2600kg
<b>Price-Only wind turbine, no tower</b>	<b>7949 USD/Set</b>	<b>10198 USD/Set</b>	<b>14933 USD/Set</b>	<b>22831 USD/Set</b>	<b>27989 USD/Set</b>



## Electronically controlled type

型号 Model	DK-80K	DK-100K	DK-200K	DK-300K	DK-500K
额定功率 Rated power	80KW	100KW	200KW	300KW	500KW
额定电压 Rated voltage	380V/480V/600V……定制 Custom production				
启动风速 Start the wind speed	2.5m/s				
额定风速 Rated wind speed	10.5m/s			11m/s	
额定转速 Rated speed	90rpm	70rpm	60rpm	50rpm	40rpm
安全风速 Safe wind speed	≤50m/s				
风轮直径 Wind blade diameter	18.5m	20m	24m	28m	39m
叶片数量 Number of blades	3				
叶片材质 Blade material	增强玻璃钢 Reinforced FRP				
机身材质/Fuselage material 防腐/Antiseptic measures	铸铁 cast iron 热镀锌+专用防腐漆 Hot-dip galvanized + special anti-corrosion paint				
磁钢材料 Magnetic steel material	钕铁硼 NdFeB				
发电机类型 Generator type	三相交流永磁同步直驱发电机/ Three-phase AC permanent magnet synchronous direct drive generator				
防雷措施 Lightning protection measures	防雷模块+防雷接地/Lightning protection module + lightning protection grounding				
风向调整 Wind direction adjustment	电控自动偏航迎风/Electronically controlled automatic yaw to the wind				
绝缘等级 Insulation class 防护等级 Degree of protection	F IP54				
整机净重 Net weight of the whole machine	≈ 3000kg	≈ 5000kg	≈ 8000kg	≈ 12000kg	≈ 17500kg
<b>Price-Only wind turbine, no tower</b>	<b>37375 USD/Set</b>	<b>49890 USD/Set</b>	<b>86757 USD/Set</b>	<b>1059150 USD/Set</b>	<b>1886000 USD/Set</b>