

For a Free Quote:

Web: EnergyPal.com/solar

Call: 1-800-990-3725

Email: contact@energypal.com

EnergyPal

Solar Panel Guide Specification Data Sheet

King-PV Technology Co., Ltd.

KPV165M-36

KPV160M-36

Also available on the web at
EnergyPal.com/king-pv-technology-co-ltd-solar-panels/kpv160m-36

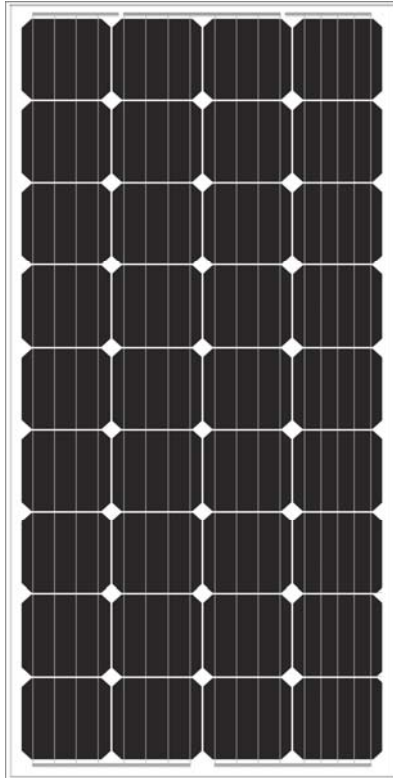
KPV165M-36

150w-165w Mono solar panel

单晶硅太阳能组件

TUV、CE、ISO、

CQC等产品认证



Characteristics (特征)



4 Busbar solar cell(4主栅光伏电池片):

With excellent current collection capability, decreasing consumption of current during current passing through solar cell, offer a better appearance, making it perfect for rooftop installation. (更加均匀的电收集能力, 降低电池片的电流内损耗, 外形美观, 更加适合民房安装)



High Efficiency(高效) :

High module conversion efficiency(up to 16.8%)through innovative manufacturing technology(通过高水平生产工艺, 获得组件高转换效率)



Severe Weather Resilience (载荷能力) :

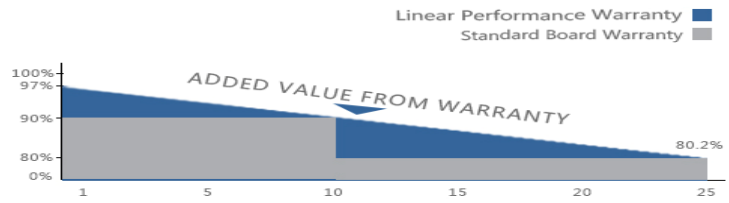
certified to withstand: wind load(2400pascal)and snow load(500pascal)可承载2400帕风压和500帕积雪压强。



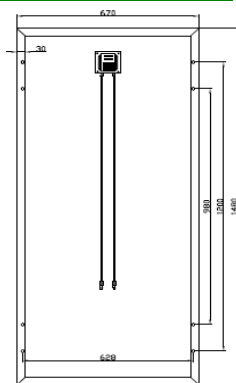
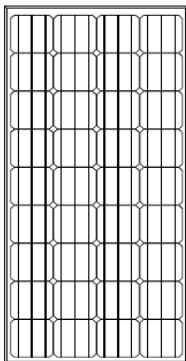
Durability against extreme environmental conditions (严酷环境的适应性) :

High salt mist and ammonia resistance certified by TUV SOUTH.(TUV南德测试认证通过高盐雾及高氨气腐蚀测试)

10年工艺质保 25年功率质保

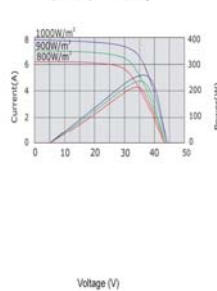


内部结构图

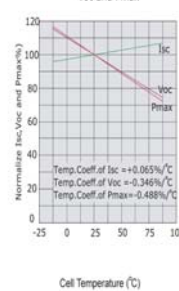


测试曲线图

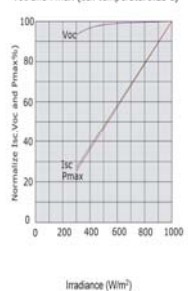
Electrical performance (cell temperature:25°C)



Temperature dependence of Isc, Voc and Pmax



Irradiance dependence of Isc, Voc and Pmax (cell temperature:25°C)



组件参数

Model No.型号	KPV150M-36	KPV155M-36	KPV160M-36	KPV165M-36
最大功率 (Pmax)	150W	155W	160W	165W
最佳工作电压(Vmp)	18V	18.3V	18.6V	18.9V
最佳工作电流(Imp)	8.34 A	8.47A	8.60A	8.73A
开路电压 (Voc)	21.96V	22.32V	22.69V	23.05V
短路电流 (Isc)	9.09A	9.14A	9.29A	9.43A
组件尺寸	1480*670*35MM			
电池片排列	4*9PCS			
电池片尺寸	156*156MM			
重量	13KGS			