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Solar Panel Guide Specification Data Sheet

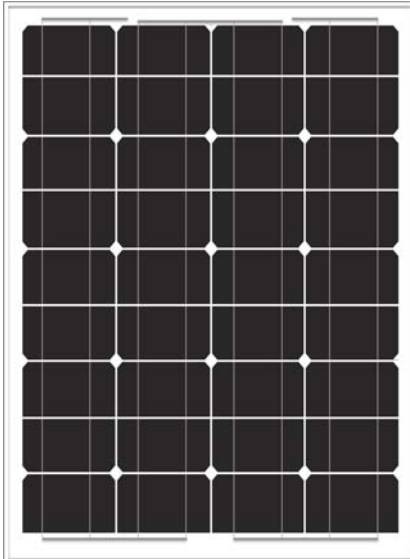
King-PV Technology Co., Ltd.

KPV50M-36

KPV50M-36

Also available on the web at
EnergyPal.com/king-pv-technology-co-ltd-solar-panels/kpv50m-36

KPV50M-36
50W 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.(更加均匀的电流收集能力,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)

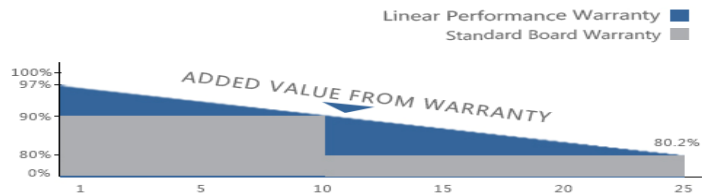


Severe Weather Resilience (载荷能力) :
certified to withstand:wind load(2400pascal)and snow load(500pascal)可承载2400帕风压和500帕积雪压强。

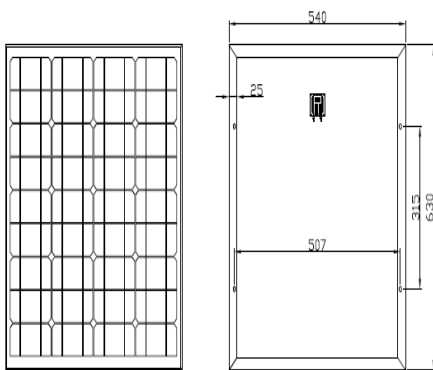


Durability against extreme environmental conditions (严酷环境的适应性) : High salt mist and ammonia resistance certified by TUV SOUTH.(TUV南德测试认证通过高盐雾及高氨气腐蚀测试)

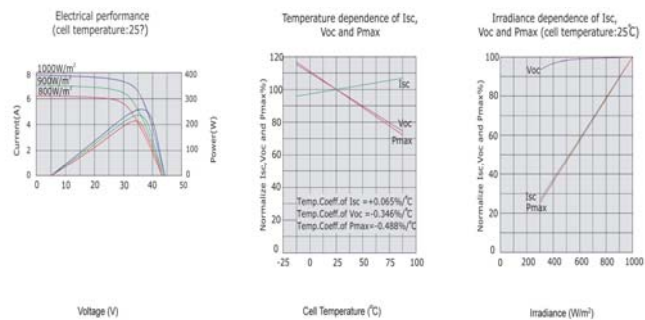
10年工艺质保 25年功率质保



内部结构图



测试曲线图



组件参数

Power Rating[Wp]: (最大输出功率)	50w	Open Circuit Current[Isc]: (开路电流)	2.96A
Maximum Power Voltage[Vmp]: (最大工作电压)	18.2V	Module Size(mm) 组件尺寸	640*540*25mm
Maximum Power Current[Imp]: (最大工作电流)	2.74A	Weight(kgs): 重量	5.1KGS
Open Circuit Voltage[Voc]: (开路电压)	22.52V	Max. System Voltage 最大系统电压	1000V DC