

Solar Kits VSK

VaySunic Solar Kits

VaySunic launched VSK series Solar On-Grid Kits for residential PV systems. It is a “Plug-and-play design” composed of solar panel, microinverter and bracket, which can be installed by yourself.

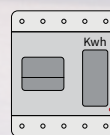
This portable “All-in-one solution” helps reduce transportation and installation costs. Also, these relatively inexpensive kits can save you significant amounts of investment on your energy bill.



Power Cord
Plug and play cable

Junction Box
Breaker and Energy Meter

Accessory
Mounting fittings



Residential On-Grid PV Kits

VSK SERIES

SYSTEM SIZE	1 in 1			2 in 1		
PRODUCT MODEL	VSK-350W	VSK-400W	VSK-450W	VSK-600W	VSK-800W	VSK-1000W
PV System Size Nominal(Wp)	350W	400W	450W	600W	800W	1000W
PV MODULE SPECIFICATION						
Panel Model	Topcon					
Power(W)	425-445W					
Vmp(V)	31.34-32.13					
Voc(V)	37.83-38.65					
Isc(A)	13.98-14.28					
Imp(A)	13.56-13.85					
Dimensions(L x W x H)(mm)	1762mm*1134mm*30mm					
PV module weight(kg)	20.50					
PV System Color	Silver or Full Black					
Certifications	IEC ISO TUV CE					
MICROINVERTER SPECIFICATIONS						
Inverter Size(w)	350	400	450	600	800	1000
Max DC Power(W)	380	430	490	650	870	1080
Max DC Voltage(V)	65					
MPPT Voltage range(V)	33-48			33-48		
No.of MPPT'S	1			2		
Max AC Power(VA)	350	400	450	600	800	1000
Max Output Current(A)	1.52	1.74	1.96	2.60	3.48	4.50
AC Nom.Voltage/Voltage Range(V)	230/180 ~ 275					
AC Grid Frequency range(Hz)	50/45 - 55					
Number of phases	1					
Dimensions(L x W x H)(mm)	300 x 126 x 32			361 x 222 x 36		
Inverter weight(kg)	1.75			3.2		
Compliance	IEC/EN 62109-1,IEC/EN 62109-2,IEC/EN 61000-6-1/-2/-3/-4,EN50549-1: 2019,VDE-AR-N 4105: 2018,CEI0-12					
* 12/240VUL inverters also available upon request						
SYSTEM LAYOUT						
# of Modules	1			2		
# of inverters	1			1		
# of inputs	1			2		
PV Layout options	Landscape or Portrait					
PV Array Surface Area(m ²)	2			4		
PV Array Weight(kg)	21			42		
PRODUCTION ESTIMATES(KWh)						
*Projected yearly output at 1100GHI/year	720	822	925	1235	1647	2059
*Projected yearly output at 1460GHI/year	956	1091	1228	1640	2186	2733
*Projected yearly output at 1825GHI/year	1195	1363	1535	2050	2733	3417
*Based on 0.85% system derating(formula=DC Power x peak sunshine hour/year x derate factor)(GHI=Global horizontal irradiance)						
SYSTEM OPTIONS						
Wifi Monitor	Wifi or Sub-1G					
Battery Bank	Optional					
Mounting System Types						
Weight(kg)	7.5kg					
Dimensions(L x W x H)(mm)	1050*880*33mm					
Frame	Anodized Aluminum Alloy					