



Evervolt Solar Kit - Product Overview			
Specification	Single Phase System		
	ESK-02S	ESK-03S	ESK-05S
<b>Module</b>			
Make	Seraphim / Trina / SunPower		
Technology	Polycrystalline		
Max Power	>320W		
Efficiency STC-ηm (%)	>16.49		
Warranty:			
Product	10 years		
Performance	Not less than 90% of rated power output at the end of 10th year, not less than 80% of rated power output at the end of 25th year		
<b>Inverter</b>			
Make	GoodWe / SMA / Zever / SolarEdge		
Output Voltage	230V - 1P,N,PE		
Output Frequency	50-60Hz		
No. of MPPTs	1	1	2
No. of DC input per MPPT	1	1	1/1
Max. Efficiency	97%	97.50%	97.80%
Standard Warranty	5 Years		
Protections	Anti-Islanding, Input Reverse Polarity, Residual Current Monitoring Unit, Output Over/Under Volt & Short Circuit		
Communication	WiFi		
<b>Mounting Structure</b>			
Make	Reputed		
Structures	Aluminium / Hot Dip Galvanised Steel		
Roof type:			
RCC Flat Roof	Ballast		
Tin Flat/Tilted Roof	Rail Mount		
Product warranty	10 Years		
<b>DC Cables</b>			
Make	Lapp / Polycab / Siechem		
Cross Section Area	4sqmm		
No. of Meters	30	30	60
<b>AC Cables</b>			
Make	Polycab / Havells		
Cross Section Area	3core --- 2.5 - 4 sq.mm		
No. of Meters	20	20	30
<b>ACDB</b>			
Make	Reputed		
Specification	IP 65 Rated enclosure with adequate rated MCB with SPD & Phase indicator		
<b>AJB</b>			
Make	Reputed		
Specification	IP 65 Rated enclosure with adequate rated fuse & SPD		
<b>Connector</b>			
Make	Staubli		
Type	MC4		
<b>Lightning Protection</b>			
Make	Reputed		
Specification	1.2m 5spike copper conventional lightning arrestor		
<b>Earthing</b>			
Make	Reputed		
Specification	1.2m copper bonded earthing electrode with chemical compound		