



5G PRO (1-6.2Kw) Single Phase



Special Al Die cast Heat Sink.



Suitable for high watt peak panels
Mono Perc & Bifacial.



High surge carrying Capacity



100% Inhouse R&D, Production &
testing Facility at Pune.



Highest Derating temp = 60C with
SNHM technique..

UPTO 11 YEAR EXTENDED WARRANTY

	Single Phase (1KW – 6.2KW)													
Model (KSY)(KW)	1	1.2	2	2.3	3	3.3 / 3.4	4	4 / 4.2	4.4/4.6	5	5.2	5.4	6	6.2
Input (DC)														
Max Peak DC Input Power (kW)	1.2	1.44	2.4	2.76	3.3	3.60	4.0	4.6	4.80	6		7.0		
Max. DC I/P (V dc)	500Vdc						550Vdc	550Vdc						
Max. MPPT I/P Current (A)	13A													
MPPT Short Circuit Current (A)	20A													
MPPT Tracking Voltage (Vdc)	80-500V						80-550V	100-550V						
Min. Start Voltage (V)	80Vdc							100Vdc						
Number of MPPT Tracker	1							2						
Stings per MPPT Trackers	1													
Output (AC)														
Rates output power (kw)	1	1.2	2	2.3	3	3.3 /3.4	4	4 / 4.2	4.4/ 4.6	5.0	5.2	5.4	6	6.2
Rates Grid Voltage (V)	230V (140V - 300V)													
Nominal Grid Freq.(Hz)	50Hz / 60Hz (47-52Hz) / (57-62Hz)													
Max. output Current AC (A)	4.33	5.22	8.69	10.00	13.04	14.34	17.39	18.26	20.00	21.7	22.6	23.47	26.08	26.95
AC Connection (With PE)	P + N + E													
THDI (%)	<3% (At Rated Power)													
Output Power Factor (%)	0.8 Leading... 1... 0.8 Lagging													
Efficiency														
Max. Conversion Eff.(%)	98.0													
Max. Euro Efficiency (%)	97.5													
Protection														
Anti-Islanding Protection	Yes Integrated													
Insulation Resistance Detection	Yes Integrated													
Residual Current Monitoring	Yes Integrated													
Over Voltage Protection	Yes Integrated													
DC Switch	Optional													
Surge Protection	SPD / Filters													
General Data														
Dimensions(W*H*D) mm	297*223*117mm							393*324.5*154mm						
Weight (Kg)	4.8Kg							10Kg						
Noise Emission (db)	<30dB													
Display	LED with LCD Display													
DC Connection Type	MC-4													
AC Connection Type	Plug in Connector / Wire cables													
Communication Interface	WiFi/ GPRS/ RS 485													
Cooling Method	Natural Convection													
Operating Ambient	-25 C - +60°C													
Relative Humidity	0% - 100%													
Max. Operating Altitude(m)	2000 (>2000 Derating)													
Protection Class	IP65													
Night Stand By Power Consumption (w)	<1													
Standard Warranty	8 (Extendable upto 11 Year)													

