

5G PRO PLUS

	Single Phase (3kW-5.4kW)							Three Phase (5kW-10kW)				
	KSY 3kW	KSY 3.4kW	KSY 3.8kW	KSY 4kW	KSY 4.4kW	KSY 5kW	KSY 5.4kW	KSY 5kW	KSY 6kW	KSY 7kW	KSY 8kW	KSY 10kW
Input (DC)												
Max Peak DC Input Power (kW)	3	3.8	4.2	4.4	4.8	5	5.4	6	7.2	8.4	9.6	11.5
Max. DC I/P (V dc)	550V							1000V				
Max. MPPT I/P Current (A)	22A							22A				
MPPT Short Circuit Current (A)	26A							26A				
MPPT Tracking Voltage (Vdc)	70-550V							200-1000Vdc				
Min. Start Voltage (V)	75/100Vdc							160Vdc				
Number of MPPT Tracker	1											
Strings per MPPT Trackers	1											
Output (AC)												
Rated output power (kW)	3	3.4	3.8	4	4.4	5	5.4	6	7	8	9	10
Rated Grid Voltage (V)	230V(190-290V)							380V/400V(300V-500V)				
Nominal Grid Freq.(Hz)	50Hz / 60Hz							50Hz / 60Hz				
Max. output Current AC (A)	13.04	14.78	16.5	18.26	20.00	21.7	23.47	7.2	8.6	10.1	11.56	14.5
AC Connection (With PE)	P+N+E							3P+N+E				
THDI (%)								<3% (At Rated Power)				
Output Power Factor (%)								0.8 Leading... L 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							Inbuilt				
Surge Protection								MOV / SPD / Filters				
General Data												
Dimensions (WxHxD)mm	317x300x104mm							425x358x127mm				
Weight(Kg)	5.4Kg							13Kg				
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/Smart Fan Cooling				
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)								<1W				
Standard Warranty								8 Year				

*Note - All Specification are Subject to Change Without Notice Due to Continuous Upgradation in Modules Wp Capacity