

	Three Phase (60Kw - 250Kw)								
Model (KSY) (KW)	60	70	75	80	90	100	110	225	250
Input (DC)									
Max Peak DC Input Power (KW)	72	84	90	96	100	120	130	270	300
Max. DC I/P (V dc)	1100Vdc							1500Vdc	
Max. MPPT I/P Current(A)	36A			48A & 36A		60A		30A	
MPPT Short Circuit Current (A)	45A			60A & 45A		75A		37A	
MPPT Tracking Voltage (Vdc)	250-1000V							820-1320	
Min. Start Voltage (V)	250VDC							600V	
Number of MPPT Tracker	4							12	
strings per MPPT Trackers	3				4+3	5		2	
String level Monitoring	Inbuilt								
Output (AC)									
Rated output power (KW)	60	70	75	80	90	100	110	225	200-250
Rated Grid Voltage (V)	400V							720V	800V
Nominal Grid freq.(Hz)	50Hz/60Hz								
Max. output current AC (A)	86.7	101.2	108.4	115.6	130.1	144.5	159.0	162	180.0
AC Connection (With PE)	3P + N + E / 3P + PE								
THDI (%)	<3% (At Rated Power)								
Output Power factor(%)	0.8Leading... 1 ... 0.8 Lagging							>0.99%	
Efficiency									
Max. conversion eff. (%)	98.9							>97	
Max. Euro Efficiency (%)	98.5							98.2	
General Data									
Dimensions(W*H*D) mm	705*650*283mm					800*672*315mm		1000 x 727 x 317mm	
Weight (Kg)	75Kg					85Kg		100Kg	
Noise Emission (dB)	<60dB							<30dB	
Display	LED Indications for IP66/ LCD Optional								
DC Connection type	Mc4								
AC Connection type	Terminal block								
Communicaton interface	WiFi/ GPRS/ RS 485 / String level Monitoring								
Cooling Method	Intelligent Forced Cooling + Natural Cooling								
Operating ambient temperature	-25°C - +60°C								
Relative Humidity	0% - 100%								
Max. Operating Altitude (m)	5000 (>4000m Derating)								
Protection class	IP66/ IP65								
Night stand by power Consumption (w)	<5								
Standard Warranty	8+3 = 11 Years (Extendable upto 11 Year)								
Protection									
Safety Standards	Yes Integrated								
Emnvironment Protections	Yes Integrated								
Anti-Islanding Protection	Yes Integrated								
Residual Current Monitoring	Yes Integrated								
DC Side fuse / DC Switch	Integrated/ Inbuilt								
Over Voltage Protection	Supported								
Surge Protection	DC / AC: Type II (DC Fuse)								

BIS ,IEC 62109 -1/2, IEC 61727, IEC 61683, IEC 60068, IEC 62116, IEC 61000 EMC

*Note - All specification are subject to change without notice due to continuous upgradation in Modules Wp capacity