



Component level repairing with onsite service.



SNHM Technique with Higher Temp. Derating:60°C



Ti 200MHz Chip for super-fast multi tasking work.



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



Extra High DC Overloading

30LM Three Phase

DATASHEET



	Three Phase (30LM)
Model (KSY) (KW)	30(LM)
Input (DC)	
Max Peak DC Input Power (KW)	30
Max. DC I/P (V dc)	1000Vdc
Max. MPPT I/P Current (A)	30A
MPPT Short Circuit Current (A)	46A
MPPT Tracking Voltage (Vdc)	200-1000Vdc
Min. Start Voltage (V)	250Vdc
Number of MPPT Tracker	2
Strings per MPPT Trackers	3
Output (AC)	
Rated output power (kw)	30
Rated Grid Voltage (V)	380 - 400
Nominal Grid Freq.(Hz)	50Hz
Max. output Current AC (A)	43.35
AC Connection (With PE)	3P + 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	Inbuilt
Surge Protection	SPD / Filters
General Data	
Dimensions(W*H*D) mm	425*321*200
Weight (Kg)	20.0
Noise Emission (db)	<30dB
Display	LED with LCD Display
DC Connection Type	MC-4
AC Connection Type	Plug in Connector
Communication Interface	WiFi/ GPRS/ RS 485
Cooling Method	Natural Convection / Smart Fan Cooling
Operating Ambient	-25C - +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+3=11 (Extendable upto 11 Year)

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