



Inbuilt AC/ DC, SPDS, with fuse etc.



Suitable for high watt peak panels
Mono Perc, TOPCon & Bifacial with 30Amp.



High DC Voltage Range (1500vdc
with max efficiency 98.9%)



IP66 Dynamic intelligent cooling



SVG Feature, Lowest DC Ripple,
Redundant power Supply

225KW-250KW Three Phase

DATASHEET



	Three Phase (225KW - 250KW)	
Model (KSY)(KW)	225	250
Input (DC)		
Max Peak DC Input Power (KW)	270	300
Max. DC I/P (V dc)	1500Vdc	
Max. MPPT I/P Current (A)	30A	
MPPT Short Circuit Current (A)	45A	
MPPT Voltage Range	500V - 1500V	
MPPT Range Full Load	820V - 1320V	
Min. Start Voltage (V)	500V	
Number of MPPT Tracker	12	
Strings per MPPT Trackers	2	
Strings Level Monitoring	Inbuilt	
Output (AC)		
Rated output power (kw)	200KW - 225KW	235KW - 250KW
AC Output Power	200kw@500C / 215KW@400C/225KW@300C	225kw@500C / 235KW@400C/250KW@300C
Rated Grid Voltage (V)	800V (680V - 880V)	
Nominal Grid Freq.(Hz)		
Max. output Current AC (A)	162	180.0
AC Connection (With PE)	3P + PE	
THDI (%)	<3% (At Rated Power)	
Output Power Factor (%)	>0.99% (0.8 Leading 0.8 Lagging)	
Efficiency		
Max. Conversion Eff.(%)	>97	
Max. Euro Efficiency (%)	98.2	
General Data		
Dimensions(W*H*D) mm	1000x727x317mm	
Weight (Kg)	105kg	
Noise Emission (db)	<30dB	
Display	IP66 LED Indica ons	
DC Connec on Type	MC-4	
AC Connec on Type	Terminal Block	
Communica on Interface	RS 485 / PLC	
Cooling Method	Inteligent Force Cooling + Natural Cooling	
Opera ng Ambient	- 25°C - +60°C	
Rela ve Humidity	0% - 100%	
Max. Opera ng Al tude(m)	4000m (>3000m Dera ng)	
Protec on Class	IP66	
Night Stand By Power Consump on (w)	<10W	
Standard Warranty	8 Years	
Protection		
Safety Standard	Yes Integrated	
Anti-Islanding Protection	Yes Integrated	
Insulation Resistance Detection	Yes Integrated	
Residual Current Monitoring	Yes Integrated	
DC Switch	Supported	
Surge Protection	DC/AC : Type II	

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