

Our Clients



Our Own Brands



KSQUARETM

Corporate Office

B-403/404 Signature - 2, Sarkhej Sanand Road,
Sarkhej, Ahmedabad - 382210.

Factory Unit

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KSQUARETM

Precision Engineering for Uninterrupted Power



- ✓ MAX 98.1% EFFICIENCY
- ✓ IP66 PROTECTION
- ✓ SAFE & RELIABLE
- ✓ HIGH YIELD
- ✓ EASY TO USE

Ksquare Solar Inverter
1 kW to 25 kW



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Model	KSQ-1K-SS	KSQ-1.5K-SS	KSQ-2K-SS	KSQ-2.5K-SS	KSQ-3K-SS	KSQ-3.3K-SS	KSQ-3.6K-SS	KSQ-4K-SS	KSQ-4.2K-SS	KSQ-4.6K-SS	KSQ-5K-SS	KSQ-6K-SS	KSQT-4K	KSQT-5K	KSQT-6K	KSQT-8K	KSQT-10K	KSQT-12K	KSQT-15K	KSQT-17K	KSQT-20K	KSQT-25K	
INPUT																							
Max. Input Power (W)	1600	2400	3200	4000	4800	4800	5888	6400	6700	7360	8000	9600	6400	8000	9600	12800	16000	19200	24000	27200	32000	40000	
Start-up Voltage (V)	60						80						180										
Max. DC Input Voltage (V)	500						600						1100										
Min. DC Voltage (V)	55						-						150										
Rated DC Input Voltage (V)	360						360						620										
MPPT Voltage Range (V)	80-450						100-500						160-1000										
Full power MPPT voltage range (V)	-						200-500	220-500	210-500	260-500	280-500	330-500	-										
No. of MPP Trackers	1						1						2										
No. of DC Inputs per MPPT	1						1						1						1/2	2			
Max. Input Current (A)	16						20						15/15						15/30	30/30			
Max. Short-circuit Current (A)	20						25						20/20						20/40	40/40			
Backfeed current to the array (A)	-						0						-										
Output																							
Rated Output Power (W)	1000	1500	2000	2500	3000	3300	3680	4000	4200	4600	5000	6000	4000	5000	6000	8000	10000	12000	15000	17000	20000	25000	
Max. Output Power (W)	1100	1650	2200	2750	3300	300	3680	4400	4200	5060	5500	6600	4400	5500	6600	8800	11000	13200	16500	18700	22000	25000	
Max. Apparent Power (VA)	1100	1650	2200	2750	3300	300	3680	4400	4200	5060	5500	6600	4400	5500	6600	8800	11000	13200	16500	18700	22000	25000	
Rated Output Voltage (V)	220/230												3L/N/PE, 230/400V										
Rated AC Frequency (Hz)	50/60Hz 45-55Hz/55-65Hz						50/60						50/60Hz 45-55Hz/55-65Hz										
Max. Output Current (A)	4.8	7.2	9.6	12	14.4	14.4	16		19.1	23	25	30	6.7	8.4	10	13.3	16.5	20	25	28.4	31.9	39	
Power Factor	0.8 leading...0.8 lagging																						
Max. Total Harmonic Distortion	<3% @Rated Output Power																						
DCI	<0.5%In																						
Efficiency																							
Max. Efficiency	97.3%		97.5%				98.1%						98.3%				98.6%						
European Efficiency	96.4%		97.0%				97.5%						97.9%				98.2%						
MPPT Efficiency	99.9%																						
Protection																							
DC Reverse Polarity Protection													Integrated										
Insulation Resistance Protection													Integrated										
AFCI													Optional										
DC Switch													Optional										
Surge Protection													Integrated										
Over-temperature Protection													Integrated										
Residual Current Protection													Integrated										
Islanding protection	Integrated												Frequency shift, Integrated										
Anti-islanding Protection													Integrated										
AC Short-circuit Protection													Integrated										
AC Over-voltage Protection													Integrated										
General Data																							
Dimensions (mm)	327W*297H*114D						410W*360H*120D						550W*410H*175D										
Weight (KG)	6.5						11.5						23				26	29					
Protection Degree	Ip65						Ip66						Ip65										
Self-consumption at Night (W)	<1																						
Topology	Transformer less																						
Operating Temperature Range (° C)	-30~60																						
Relative Humidity (%)	0~100																						
Operating Altitude (m)	4000 (derating@ > 3000)						3000 (derating@ > 2000)						4000 (derating@ > 3000)										
Cooling													Natural Convection						Smart Fan Cooling				
Noise Level (dB)													< 25						<40				
Display	OLED & LED						OLED(Optional)						OLED & LED										
Communication	RS485/WiFi/GPRS/LAN (Optional)																						

** Due to differences in voltage values in various countries, minor variations may occur. The final interpretation rights belong to Ksquare Energy Pvt Ltd.