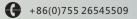
We build Quality / We offer Quality

Shenzhen SOFARSOLAR Co., Ltd.

Headquarters: Building No.4, Antongda Industrial Park, No.1, Liuxian Avenue, Bao'an District, Shenzhen, China.

Marketing & Sales Center: 4F, Building 21, Area A, K-Park, No.30, Huize Road, Binhu District, Wuxi, Jiangsu Province, China.

Factory ADD: 1st to 6th Floor, Building E, No.1 Jinqi Road, Bihu Industrial Zone, Wulian Village, Fenggang Town, Dongguan, Guangdong, China.



sales@sofarsolar.com

www.sofarsolar.com

YOUR BEST CHOICE FOR **AC STORAGE HYBRID SOLUTIONS** AND STRING INVERTERS

SHENZHEN SOFARSOLAR CO., LTD.



SOFARSOLAR COMPANY PROFILE

SOFARSOLAR (est 2012) is one of the subsidiaries of SOFAR Group in China and specializes in R&D, production, sales and service of grid-tied inverters ranging from 1kW to 7.5kW (residential), 10kW to 70kW (commercial), hybrid inverters ranging from 3kW to 6kw and Amass store battery, etc. SOFARSOLAR is currently known to be one of the top 5 string inverter companies found throughout China. After breaking ground and gaining the reputation of being reliable, efficient, and professional, it has now become one of the famous companies in power storage inverters.

SOFARSOLAR, certified by ISO 9001 & ISO 14001, with around 600 employees, is equipped with a very strong R&D team and the major R&D personnel have more than 10 years' experience in the PV industry. We have successfully improved many areas of technology in both software and hardware which had not been solved by other popular brands in the recent past. For example, detection accuracy of insulation resistance, grid resonance if multiple units are connected, remote monitoring-WiFi as standard communication, anti-corrosion protection, etc.

Now, SOFARSOLAR inverters have been installed in more than 60 countries (e.g. Brazil, India, Australia, the UK, Germany, Italy, Belgium, Spain, Netherland, France, Vietnam, South Africa, Pakistan, Japan, Korea, China etc.) with currently 9 own subsidiaries in Shenzhen, Wuxi, Dongguan, Xinyang, Australia, India, Germany, UK and Italy.

Why choose SOFARSOLAR inverters ?

All SOFARSOLAR inverters are equipped with 25-year data storage capabiliity (Internal SD Card) All SOFARSOLAR inverters can be found in PV Sol system All SOFARSOLAR inverters and distributors are insured by US CHUBB Insurance corporation company All SOFARSOLAR inverters are equipped with Standard WiFi communication



Datasheet	SOFAR 3KTLM-G2	SOFAR 3.6KTLM-G2	SOFAR 4KTLM-G2	SOFAR 4.6KTLM-G2	SOFAR 5KTLM-G2	SOFAR 6KTLM-G2	SOFAR 7.5KTLM	
Input (DC)								
Recommended Max. PV input power	3990W	4790W	5320W	6120W	6650W	7980W	9980W	
Max DC power for single MPPT	2000W	2400W	2600W	3000W	3000W	3500W	2*2750W/ 2750V	
Number of MPPT trackers				2				
Number of DC inputs				1/1			2/1	
Max. Input voltage				600V				
Start-up voltage				120V				
Rated input voltage				360V				
MPPT operating voltage range				60- 580 V				
Full power MPPT voltage range	160V-520V	180V-520V	200V-520V	230V-520V	250V-520V	300V-520V	250V-520V	
Max. Input current per MPPT				IIA/IIA			22A/11A	
Maxnimun DC input short circuit current per MF	PT			I4A			28/14A	
Output (AC)								
lated power	3000W	3680W	4000W	4600W	5000W	6000W	7500W	
Max. AC power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA	7500VA	
1ax. Output current	13.7A	16A	18.2A	21A	22.8A	27.3A	32.6A	
Nominal grid voltage				/PE, 220Vac, 230Vac, 240		27.37	52.07	
Grid voltage range	180Vac-276Vac (According to local standard)							
Nominal frequency								
	50Hz/60Hz 45Hz-55Hz/54Hz-66Hz (According to local standard)							
Grid frequency range			45Hz-55Hz/54		local standard)			
Active power adjustable range				0~100%				
THDi		<3%						
Power factor	1default (adjustable+/-0. 8)							
Power limit export			Zero expo	rt or adjustable power li	mit export			
Performance								
Max efficiency				98.0%			98.2%	
European weighted efficiency				97.5%			97.6%	
Self-consumption at night				< I W				
eed-in start power				50W				
MPPT efficiency				>99.9%				
Protection								
DC reverse polarity protection				Yes				
DC switch				Optional				
Protection class/overvoltage category				1/111				
nput/output MOV (II)				Yes				
Safety protection			Anti islandi		monitoring			
SPD		Anti islanding, RCMU, Ground fault monitoring MOV: Type III standard						
Communication				rie i i i i pe in standard				
Power management unit				ing to certification and r				
Standard communication mode Operation data storage	Rs485, Wifi/Ethernet/GPRS(optional), SD card(optional) 25 years							
				25 years				
General Data							2010	
Ambient temperature range				-25℃~+60℃			-30°C~+60°C	
Topology				Transformerless				
Degree of protection				IP65				
Allowable relative humidity range				0~100%				
Max. Operating altitude				2000m				
Noise				<25dB				
Weight				11.5kg			18kg	
Cooling				Natural convection				
Dimension				405*315*135mm			467*352*157mr	
Display				LCD display				
Warranty				5 years/ 7 years/ 10 years				
Standard								
MC		EN 61000-6	-2, EN 61000-6-3, EN	61000-3-2, EN 61000-3-	3, EN 61000-3-11, EN	61000-3-12		
		IEC62109-1/2, IEC62116, IEC61727, IEC-61683, IEC60068(1,2,14,30)						
afety standards								