

# SOFAR15K~25KTLX-G3-LV

15 / 20 / 25 kW

THREE-PHASE THREE TO FOUR MPPTS



## Product advantages

- Multiple MPPTs compatible with 600W+modules
- Prolonged AC overload capability (110%)
- I-V curve scanning function
- Type II SPD for both DC and AC
- Low start-up voltage, wide MPPT voltage range
- Intelligent monitoring, remote operation



Datasheet	SOFAR 15KTLX-G3-LV	SOFAR 20KTLX-G3-LV	SOFAR 25KTLX-G3-LV
<b>Input (DC)</b>			
Max. input voltage		1100V	
Rated input voltage		370V	
Start-up voltage		200V	
MPPT operating voltage range		180-800V	
Number of MPPTs	3	4	4
Number of DC inputs		2 for each MPPT	
Max. input MPPT current	3*40A	4*40A	4*40A
Max. input short circuit current	3*50A	4*50A	4*50A
<b>Output (AC)</b>			
Rated output power	15000W	20000W	25000W
Max. apparent power	16500W	22000W	25000W
Max. output current	43.4A	57.7A	65.7A
Rated output voltage		3 / N / PE, 220Vac	
Output voltage range		176-242Vac	
Rated output frequency		60Hz	
Output frequency range		55Hz-65Hz	
Active power adjustable range		0-100%	
THDi		<3%	
Power factor		1 (adjustable +/-0.8)	
<b>Efficiency</b>			
Max. efficiency		97.8%	
European efficiency		97.1%	
<b>Protection</b>			
DC reverse polarity protection		Yes	
Anti-islanding protection		Yes	
Leakage current protection		Yes	
Ground fault monitoring		Yes	
PV-array string fault monitoring		Yes	
DC switch		Yes	
SPD		PV: type II, AC: type II	
<b>General Data</b>			
Ambient temperature range		-30 C ~+60 C	
Self-consumption at night		<3W	
Topology		Transformerless	
Degree of protection		IP65	
Allowable relative humidity range		0-100%	
Max. operating altitude		4000m	
Cooling		Smart air cooling	
Dimension (W*H*D)		585*480*220mm	
Weight	36kg		37kg
Display		LCD & Bluetooth +APP	
Communication		RS485/WIFI	
Standard		IEC/EN 61000-6-2/3, IEC/EN 61000-3-11/12, IEC61000, IEC62116, IEC61727, IEC/EN 62109-1/2	

\*All specifications are subject to change without notice.

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