

# SOFAR 25K~30KTLX-G3

25 / 30 kW

## THREE-PHASE THREE TO FOUR MPPTS



### Product advantages

- Max. efficiency up to 98.90%
- Up to 4 MPPTs with DC overload capability (up to 150%)
- Type II SPD for both DC and AC side
- Prolonged AC overload capability (110%)
- Low start-up voltage, wide MPPT voltage range
- Compatible with 500 W+ modules
- I-V curve scanning function



Model	SOFAR 25KTLX-G3	SOFAR 30KTLX-G3-A
<b>Input (DC)</b>		
Max. input voltage	1100V	
Rated input voltage	620V	
Start-up voltage	200V	
MPPT operating voltage range	180V-1000V	
Number of Mpp trackers	3	
Number of DC inputs	2 for each MPPT	
Max. input MPPT current	3*40A	
Max. input short circuit current	3*50A	
<b>Output (AC)</b>		
Rated output power	25000W	29900W
Rated apparent power	25000VA	29900VA
Max. apparent power	28000VA	29900VA
Rated output current	36.2A	43.3A
Max. Output current	42.4A	45.3A
Rated output voltage	3/N/PE,230/400Vac	
Output voltage range	310Vac-480Vac	
Rated output frequency	50/60Hz	
Output frequency range	45-55Hz/55-65Hz	
Active power adjustable range	0-100%	
THDi	<3%	
Power factor	1 (adjustable+/-0.8 )	
<b>Efficiency</b>		
Max. efficiency	98.6%	
European efficiency	98.2%	
<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	
Display	LCD & Bluetooth +APP	
Communication	RS485/WIFI	
Standard	IEC 61000-6-1/2/3/4, IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC 62109-1/2, AS/NZS 4777.2:2020	

\*All specifications are subject to change without notice.