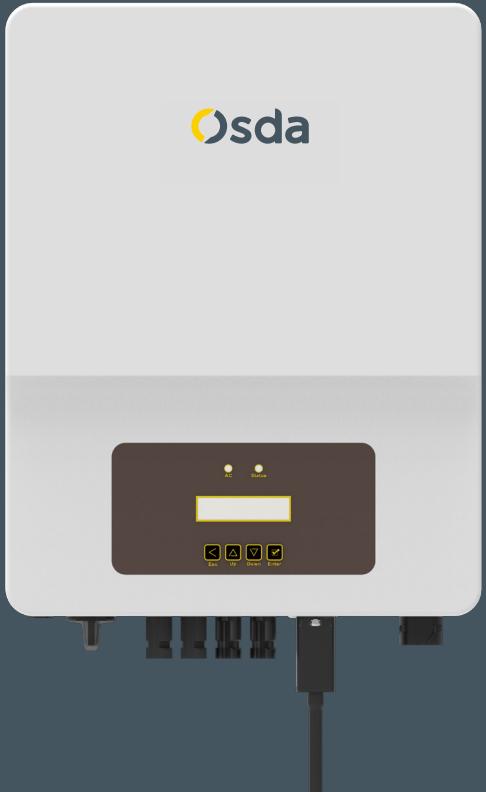


# ODA-3P10K1G

String inverter

- The highest efficiency is 98.3%
- 2 MPPT
- RS232/RS485 Interface
- IP65 Ingress Protection
- High Surge Endurance
- High Power Factor
- Zero Export Function



10KW

## TECHNICAL DATA

ODA-3P10K1G	
Energy source	ODA-3P10K1G
Input Side	
Max.DC Input Power(kW)	13
Max.DC Input Voltage(V)	1000
Start-up DC Input Voltage(V)	140
MPPT Operating Range(V)	120-850
Max.DC Input Current(A)	13+13
Max. short circuit current (a)	19.5+19.5
Number of MPPT/String per MPPT	2/1
OutPut Side	
Rated output power (kw)	6500
Maximum active power (kw)	370 (125-500)
Rated AC Grid Voltage(V)	125
AC Grid Voltage Range(V)	150-425
Operating Phase	300-425
Rated AC Grid Output Current(A)	13+13
Max.AC Output Current(A)	17+17
Output Power Factor	2/1+1
Grid Current THD	370 (125-500)
DC Injection Current(mA)	125
Grid Frequency Range	150-425
Efficiency	
Max.Efficiency	98.3%
Euro Efficiency	97.5%
MPPT Efficiency	>99%
Protection	
Anti-islanding Protection	Integrated
DC Reverse-Polarity Protection	Integrated
DC Surge Protection	Integrated
AC Surge Protection	Integrated
AC Short Circuit Protection	Integrated
AC Output Overcurrent Protection	Integrated
Output Overvoltage Protection	Integrated
Temperature protection	Integrated
Integrated DC switch	Integrated
Remote software upload	Integrated
Change operation parameters remotely	Integrated
Surge protection	DC II/AC II
General parameters	
Specification (mm)	330W×457H×185D
weight(kg)	10
topological structure	No transformer
Internal loss	<1W (Every night)
Operating temperature	-25-65°C, >45°C Derating
Degree of protection	IP65
Noise emissions (typical)	<25 dB
Cooling mode	Natural cooling
Maximum UN derated working height	2000m
Design life	>20 years
Grid connection standard	CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11
Humidity of working environment	0-100%
Security emc / standards	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
characteristic	
DC connection interface	MC-4 mateable
AC connection interface	IP65 rated plug
Display	LCD1602
Interface	RS485/RS232/Wifi/LAN