



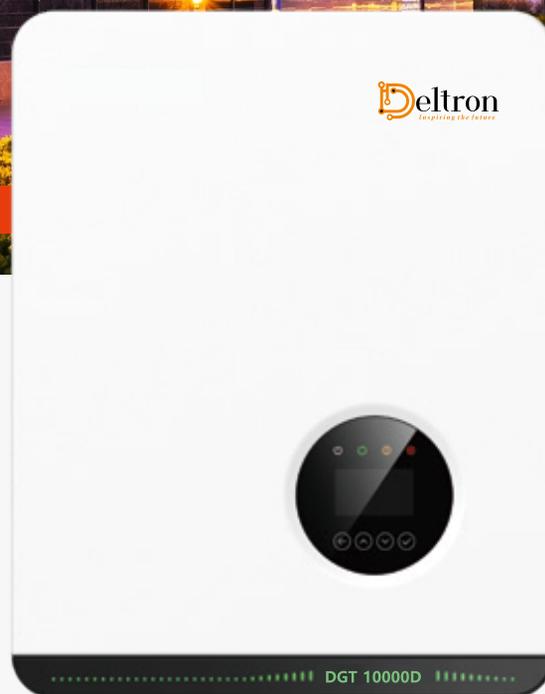
Grid-Tie PV

DSG 10000D

Deltron
INTEGRATED ENERGY

The DSG 10000D is an advanced string grid-tied inverter designed for residential solar power systems. Its intelligent and elegant design makes it simple and easy to use, efficient at generating power, highly reliable, highly adaptable, and much stronger than previous models.

PV On-Grid String Inverter



Max. PV voltage up to 1100V
Type II DC /AC SPD



Reactive power control
WiFi / 4G Plug optional



DC/AC ratio up to 2
IP66 protection



High efficiency up to 98.3%
Smaller and lighter

MODEL	DSG - 10000D
Input(DC)	
Max. DC Voltage	600V
Nominal Voltage	380V
Start Voltage	100V
MPPT Voltage Range	80 V~560V
Number of MPP Tracker	2
Strings Per MPP Tracker	2
Max. Input Current Per MPPT	15A
Max. Short-circuit Current Per MPPT	18A
Output(AC)	
Nominal AC Output Power	10000W
Maximum AC Output Power	10000VA
Nominal AC Voltage	230V L-N
AC Grid Frequency Range	50Hz / 60Hz(±5Hz)
Maximum Output Current	45.9A
Power Factor(Φ)	0.8leading-0.8lagging
THDi	3%
Efficiency	
Max. Efficiency	98.3%
Euro Efficiency	97.9%
Protection devices	
DC Switch	Yes
Output Over Current	Yes
Anti-islanding Protection	Yes
DC Reverse Polarity Protection	Yes
String Fault Detection	Yes
AC/DC Surge Protection	DC: Type II / AC: Type III / Type II Optional
Insulation Detection	Yes
AC Short Circuit Protection	Yes
General Specifications	
Dimensions W x H x D	380x483x160mm
Weight	17kg
Operating Temperature Range	-25°C~+60°C
Cooling Type	Fan Cooling
Max. Operation Altitude	4000m
Max. Operation Humidity	0-100%(No Condensation)
AC Output Terminal Type	Quick connector
IP Class	IP65
Topology	Transformer-less
Communication	RS485/Wifi/4G
Display	LCD
Certification & Standard	EN/IEC62109-1/2; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727; EN50549-1;AS 4777.2;VDE-AR-N-4105;VDE 0126-1-1;CEI0-21;G98;G99;C10/C11;NB/T32004-2018; GB/T19964-2012

* Specifications subject to change without prior notice.