

# SDT Series

Dual MPPT, Three Phase



Technical Data	GW5000L-DT	GW6000L-DT	GW10KL-DT
<b>PV String Input Data</b>			
Max. DC Input Power (Wp)	6650	7980	13300
Max. DC Input Voltage (V)	600	600	600
MPPT Range (V)	200~550	200~550	200~550
Start-up Voltage (V)	180	180	180
Min. Feed-in Voltage(V)	210	210	210
Nominal DC Input Voltage (V)	480	480	480
Max. Input Current (A)	11/11	11/11	22/11
Max. Short Current (A)	13.8/13.8	13.8/13.8	27.6/13.8
No. of MPP Trackers	2	2	2
No. of Input Strings Per MPP Tracker	1/1	1/1	2/1
<b>AC Output Data</b>			
Nominal Output Power (W)	5000	6000	10000
Max. Output Apparent Power (VA)	5000	6000	10000
Nominal Output Voltage (V)	400, 3L/N/PE	400, 3L/N/PE	400, 3L/N/PE
Nominal Output Frequency (Hz)	50/60	50/60	50/60
Max. Output Current (A)	8.5	10	15.2
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)		
Output THDi (@Nominal Output)	<2%	<2%	<2%
<b>Efficiency</b>			
Max. Efficiency	98.0%	98.0%	98.3%
European Efficiency	>97.5%	>97.5%	>98.0%
<b>Protection</b>			
PV String current Monitoring	Integrated	Integrated	Integrated
Anti-Islanding Protection	Integrated	Integrated	Integrated
Input Reverse Polarity Protection	Integrated	Integrated	Integrated
Insulation Resistor Detection	Integrated	Integrated	Integrated
Residual Current Monitoring Unit	Integrated	Integrated	Integrated
Output Over Current Protection	Integrated	Integrated	Integrated
Output Short Protection	Integrated	Integrated	Integrated
Output Over Voltage Protection	Integrated	Integrated	Integrated
DC SPD Protection	Integrated (Type III)		
AC SPD Protection	Integrated (Type III)		
<b>General Data</b>			
Operating Temperature Range (°C)	-25~60	-25~60	-25~60
Relative Humidity	0~100%	0~100%	0~100%
Operating Altitude (m)	≤4000	≤4000	≤4000
Cooling	Natural Cooling	Natural Convection	Natural Cooling
Noise (dB)	<30	<30	<30
User Interface	LCD & LED	LCD & LED	LCD & LED
Communication	RS485 or WiFi*1 or LAN	RS485 or WiFi*1 or LAN	RS485 or WiFi*1
Weight (kg)	24	24	26
Size (Width*Height*Depth mm)	516*415*192	516*415*192	516*455*192
Protection Degree	IP65	IP65	IP65
Night Self Consumption (W)	<1	<1	<1
Topology	Transformerless		

\*1: Only compatible with 2.4Ghz network.

\*: Please visit GoodWe website for the latest certificates.