

# DT Series Datasheet



Technical Data	GW15K-DT	GW17K-DT	GW20K-DT	GW25K-DT
<b>PV String Input Data</b>				
Max. DC Input Power (W)	19500	22100	26000	32500
Max. DC Input Voltage (V)	1000	1000	1000	1000
MPPT Range (V)	260~850	260~850	260~850	260~850
Start-up Voltage (V)	250	250	250	250
Min. Feed-in Voltage(V)	280	280	280	280
Nominal DC Input Voltage (V)	620	620	620	620
Max. Input Current (A)	22 / 22	22 / 22	22 / 22	27 / 27
Max. Short Current (A)	27.5 / 27.5	27.5 / 27.5	27.5 / 27.5	33.8 / 33.8
No. of MPP Trackers	2	2	2	2
No. of Input Strings per Tracker	2	2	2	3
<b>AC Output Data</b>				
Nominal Output Power (W)	15000	17000	20000	25000
Max. Output Apparent Power (VA)	15000	17000	20000	25000
Nominal Output Voltage (V)	3W / N / PE 380 / 400	3W / N / PE 380 / 400	3W / N / PE 380 / 400	3W / N / PE 380 / 400
Nominal Output Frequency (Hz)	50 / 60	50 / 60	50 / 60	50 / 60
Max. Output Current (A)	25	25	30	37
Rated Output Current (A)	25	25	30	37
Output Power Factor	~1 (Adjustable from 0.8 leading to 0.8 lagging)			
Output THDi (@Nominal Output)	<1.5%	<1.5%	<1.5%	<1.5%
<b>Efficiency</b>				
Max. Efficiency	98.2%	98.2%	98.4%	98.4%
European Efficiency	>97.7%	>97.7%	>98.1%	>98.1%
<b>Protection</b>				
Anti-islanding Protection	Integrated	Integrated	Integrated	Integrated
Input Reverse Polarity Protection	Integrated	Integrated	Integrated	Integrated
Insulation Resistor Detection	Integrated	Integrated	Integrated	Integrated
DC SPD Protection	Integrated (Type III)	Integrated (Type III)	Integrated (Type III)	Integrated (Type III)
Residual Current Monitoring Unit	Integrated	Integrated	Integrated	Integrated
Output Over Current Protection	Integrated	Integrated	Integrated	Integrated
Output Short Protection	Integrated	Integrated	Integrated	Integrated
Output Over Voltage Protection	Integrated	Integrated	Integrated	Integrated
<b>General Data</b>				
Operating Temperature Range (°C)	-25~60	-25~60	-25~60	-25~60
Relative Humidity	0~100%	0~100%	0~100%	0~100%
Operating Altitude (m)	≤4000	≤4000	≤4000	≤4000
Cooling	Fan Cooling	Fan Cooling	Fan Cooling	Fan Cooling
User Interface	LCD & LED	LCD & LED	LCD & LED	LCD & LED
Communication	RS485 or WiFi	RS485 or WiFi	RS485 or WiFi	RS485 or WiFi
Weight (Kg)	39	39	39	40
Size (Width × Height × Depth mm)	516 × 650 × 203mm	516 × 650 × 203mm	516 × 650 × 203mm	516 × 650 × 203mm
Protection Degree	IP65	IP65	IP65	IP65
Protective Class	class I	class I	class I	class I
Oversvoltage Category (OVC)	PV input: II Grid Output: III			
Night Self Consumption (W)	<1	<1	<1	<1
Topology	Transformerless	Transformerless	Transformerless	Transformerless

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