



**GOODWE**  
*your solar engine*



**DT Series**  
Dual-MPPT, Three-Phase  
15kW/17kW/20kW/25kW

- Maximum Efficiency up to 98.5%
- European Efficiency up to 98.1%
- MPPT Efficiency up to 99.9%
- DC switch
- IP65 dust-proof and water-proof rating
- 45°C full-load output
- Super large 5-inch LCD
- 30% lighter than similar products
- Multiple monitoring and communication methods

**Integrated WiFi Solution**  
*multiple user access and mobile Apps*



**Good Quality Good Value Good Service GoodWe**

## Technical Data

GW15K-DT

GW17K-DT

GW20K-DT

GW25K-DT

### DC Input Data

Max. allowed PV Power [W]	19500	22100	26000	32500
Nominal DC Power [W]	15400	17500	20500	25800
Max. DC voltage [V]	1000	1000	1000	1000
MPPT voltage range [V]	260~850	260~850	260~850	260~850
Starting voltage [V]	250	250	250	250
Max. DC current [A]	22/22	22/22	22/22	27/27
No. of DC connectors	4	4	4	6
No. of MPPTs	2 (can parallel)	2 (can parallel)	2 (can parallel)	2 (can parallel)
DC connector	MC4/ Phoenix/ Amphenol			

### AC Output Data

Nominal AC power [W]	15000	17000	20000	25000
Max. AC power [W]	15000	17000	20000	25000
Max. AC current [A]	25	25	30	37
Nominal AC output	50/60Hz; 400Vac			
AC output range	45~55Hz/55~65Hz; 310~480Vac			
THDi	<1.5%			
Power factor	0.8 leading~0.8 lagging			
Grid connection	3W/N/PE			

### Efficiency

Max. efficiency	98.2%	98.2%	98.4%	98.4%
Euro efficiency	>97.7%	>97.7%	>98.1%	>98.1%
MPPT adaptation efficiency	99.9%	99.9%	99.9%	99.9%

### Protection

Residual current monitoring unit	Integrated
Anti-islanding protection	Integrated
DC switch	Integrated (optional)
AC over current protection	Integrated
Insulation monitoring	Integrated

### Certifications & Standards

Grid regulation	VDE-AR-N4105, AS4777.2/3, IEC61727, VDE0126-1-1, EN50438, NRS097-2-1, G59/3, ERDF-NOI-RES_13E;	AS4777.2/3, En50438, VDE-AR-N 4105, VDE0126-1-1, MEA&PEA, G59/3, NRS097-2-1, IEC61727, ERDF-NOI-RES_13E	VDE-AR-N 4105, IEC61727, VDE0126-1-1, EN50438, G59/3;
Safety	IEC62109-1&-2, AS3100		IEC62109-1&-2
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61000-3-11, EN 61000-3-12		

### General Data

Dimensions (WxHxD) [mm]	516*650*203		
Weight [kg]	39	40	
Mounting	Wall bracket		
Ambient temperature range	-25~60°C (>45°C derating)		
Relative humidity	0~95%		
Max. operating altitude	4000m(> 3000m derating)		
Protection degree	IP65		
Topology	Transformerless		
Night power consumption [W]	<1		
Cooling	Fan cooling		
Noise emission [dB]	<45		
Display	5.0" LCD		
Communication	USB2.0; RS485 or WiFi		
Standard warranty [years]	5/10/15/20/25 (optional)		