

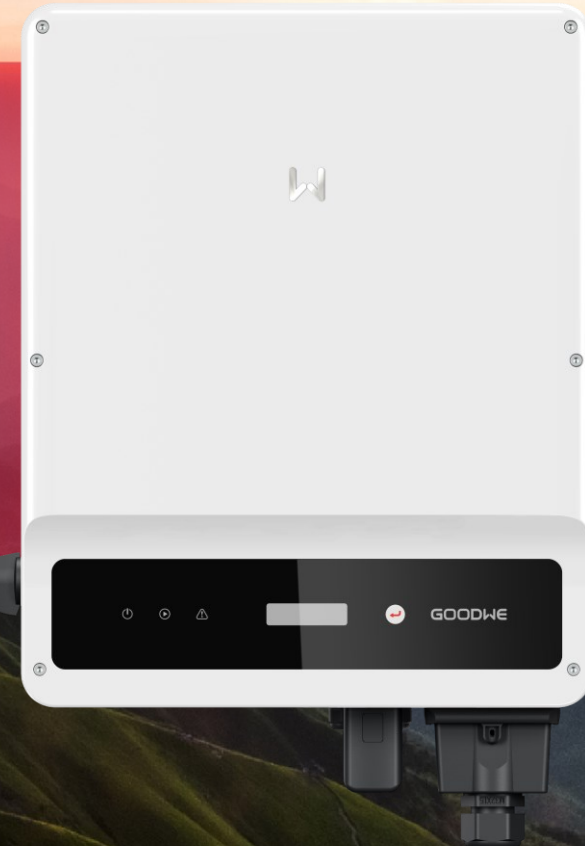
GOODWE

# SDT G2 Plus+

## 4 -20 kW

GoodWe

Distributor Launch



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## Product series

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## SDT G2 Plus+ Positioning

A perfect fit for three-phase residential and small commercial systems with high-power PV modules, the SDT G2 PLUS+ inverters allow for high current input up to 16A. The smaller inverter models are completely fanless, thereby ensuring quiet operation, while surge protection on both AC and DC sides enhances overall safety. Smart energy management - including 24-hour load consumption monitoring - can be facilitated by adding the GoodWe HomeKit 3000.



Increased yield ( 110% AC power )



Optional AFCI function



Smart energy management



**SDT G2 PLUS+ Series**

String Inverter | 4 - 20 kW | 2 MPPTs | Three Phase

## SDT G2 Plus+ Features



### Increased Yield

- Powerful with 10% additional AC power
- High efficiency
- Wide voltage range to generate electricity earlier and later during the day

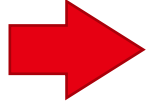
### Convenient Design

- Quiet, with fanless design up to 10kW
- IP65 cover enables installations both inside and outside
- Minimalistic, compact design ideal for residential applications

### Safe and Reliable

- Optional Surge protection device type II to protect electrical equipment
- Optional AFCI to prevent fire hazards from DC cables and connectors
- Die cast aluminium cover to resist rough weather conditions

# Product range overview

SDT G2  SDT G2 Plus+



OLD = Phase-out	NEW = Phase-in
GW4K-DT	GW4000-SDT-20
GW5K-SDT	GW5000-SDT-20
GW6K-DT	GW6000-SDT-20
GW8K-DT	GW8000-SDT-20
GW10KT-DT	GW10K-SDT-20
<b>GW12KT-DT</b>	<b>GW12K-SDT-20</b>
<b>GW15KT-DT</b>	<b>GW15K-SDT-20</b>
<b>GW17KT-DT</b>	<b>GW17K-SDT-20</b>
<b>GW20KT-DT</b>	<b>GW20K-SDT-20</b>
<b>GW25KT-DT</b>	<b>/ (no 25kW model)</b>

## Improvements from previous model (4-10kW)

### New product

#### 4 – 6 kW:

- Input current: 16 A
- Isc (MPPT): 20 A
- AFCI: Optional
- DC SPD type II: Optional

#### 8 – 10 kW:

- Input current: 15 A
- Isc (MPPT): 18.7 A
- Input Voltage: 1100 V
- DC/AC SPD type II: Optional
- Fanless design
- Easier AC terminal installation
- USB disk FW update
- Improved Shadow scan function
- AFCI: Optional



### Old product

#### 4 – 6 kW:

- Input current: 12.5 A
- Isc (MPPT): 15.6 A

#### 8 – 10 kW:

- Input current: 12.5 A
- Isc (MPPT): 15.6 A
- Input Voltage: 1000 V
- DC/AC SPD type: III / III
- Fan cooling: Yes
- AFCI: No

## Improvements from previous model (12-20kW)

## New product

12 – 20 kW:

- Input current: 15 A
- Isc (MPPT): 18.7 A
- Input Voltage: 1100 V
- DC/AC SPD type II: Optional
- Easier AC terminal installation
- USB disk FW update
- Improved Shadow scan function
- AFCI: Optional



## Old product

12 – 25 kW:

- Input current: 12.5 A
- Isc (MPPT): 15.6 A
- Input Voltage: 1000 V
- DC/AC SPD type: III / III
- AFCI: No

## How to tell the products apart?



### Change in item numbers:

**4-6kW:** DTS4000-XX-00P → DTB4000-XX-00P

**8-20kW:** DTS/T0012-XX-00P → DTC10K-XX-00P

### Different AC cover

### Higher Input current on name plate

- 25 A / MPPT → >30 A/MPPT



## SDT G2 Plus+ Compatibility

### Standard Comm:

- Wi-Fi / Wi-Fi+LAN / 4G
- RS485
- Modbus RTU
- Sunspec

### Devices:



#### GM3000

Dynamic power limitation



#### HK3000

Dynamic power limitation  
Load monitoring



#### EzLoggerPro

Up to 60 inverters  
Inverter FW upgrade



#### SEC1000

Up to 60 inverters  
Dynamic power limitation  
Load monitoring  
Inverter FW upgrade  
Reactive power control

## Certification plan

Country	Ready date	Comments
Netherlands	Done	
Belgium	Done	Synegrid listing in progress
Poland	Done	
Sweden	Done	
Germany	Done	
Spain	Done	
Czech Republic	Done	
France	Done	
Estonia	Done	
Italy	Done	
Ireland	Done	
South Africa	Done	
Denmark	Done	
Israel	Done	Only 8-20kW is certified
Lebanon	Done	Only 8-20kW is certified
Austria	Coming...	Only 8-20kW is certified. Waiting for Listing process.

**\* Please check with your GoodWe-contact to make sure that all requirements for your market is fulfilled before placing orders**

# Warranty & Logistics

## Warranty

- Standard warranty terms: 5 years
- Extension options: 10, 15 and 20 years
- Terms available on [emea.goodwe.com/warranty](http://emea.goodwe.com/warranty)
- Eligible product for GoodWe Plus+ warranty extension

## Logistic data

Series	Type	N.W. (KGS)	Estimated G.W (KG)	Carton Length (mm)	Carton Width (mm)	Carton Height (mm)	Pallet Length (mm)	Pallet Width (mm)	Pallet Height (mm)	Pallet Weight (KG)	Layer for each Pallet	Qty for each Layer	Qty for each Pallet (unit)	G.W for each Pallet (KG)	N.W for each Pallet (KG)	Volume for each Pallet (m³)	Qty for 20GP	Qty for 40GP	Each Pallet dimension with inverter	Paper packaging/Carton (KG)	EPE/Carton (KG)
SDT G2 plus+	GW4000-SDT-20	15	18	530	470	270	1085	957	120	16	3	4	12	231	195	0,97	288	576	1.09*0.96*0.93=0.98CBM	4	1
SDT G2 plus+	GW5000-SDT-20	15	18	530	470	270	1085	957	120	16	3	4	12	231	195	0,97	288	576	1.09*0.96*0.93=0.98CBM	4	1
SDT G2 plus+	GW6000-SDT-20	15	18	530	470	270	1085	957	120	16	3	4	12	231	195	0,97	288	576	1.09*0.96*0.93=0.98CBM	4	1
SDT G2 plus+	GW8000-SDT-20	20,5	26,5	685	540	290	1120	720	112	18	3	2	6	182	123	0,79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8
SDT G2 plus+	GW10K-SDT-20	20,5	26,5	685	540	290	1120	720	112	18	3	2	6	182	123	0,79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8
SDT G2 plus+	GW12K-SDT-20	23.5	29.5	685	540	290	1120	720	112	18	3	2	6	200	141	0.79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8
SDT G2 plus+	GW15K-SDT-20	26	32	685	540	290	1120	720	112	18	3	2	6	215	156	0.79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8
SDT G2 plus+	GW17K-SDT-20	26	32	685	540	290	1120	720	112	18	3	2	6	215	156	0.79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8
SDT G2 plus+	GW20K-SDT-20	26	32	685	540	290	1120	720	112	18	3	2	6	215	156	0.79	192	384	1.12*0.72*0.99=0.8CBM	5.2	1.8

## Configuration and Item Codes (4-20 kW)

Power	Prod. Name	Prod. Code	Display	DC-Switch	Internet dongle incl.	SPD Type DC	SPD Type AC	AFCI
4 kW	GW4000-SDT-20	DTC4000-09-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
5 kW	GW5000-SDT-20	DTC5000-10-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
6 kW	GW6000-SDT-20	DTC6000-16-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
8 kW	GW8000-SDT-20	DTB8000-07-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
10 kW	GW10K-SDT-20	DTB0010-06-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
12 kW	GW12K-SDT-20	DTB0012-09-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
15 kW	GW15K-SDT-20	DTB0015-07-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
17 kW	GW17K-SDT-20	DTB0017-07-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
20 kW	GW20K-SDT-20	DTB0020-07-00P	Yes	Yes	Wi-Fi	Type III	Type III	No
4 kW	GW4000-SDT-20	DTC4000-08-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	Type III	<b>Yes</b>
5 kW	GW5000-SDT-20	DTC5000-09-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	Type III	<b>Yes</b>
6 kW	GW6000-SDT-20	DTC6000-15-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	Type III	<b>Yes</b>
8 kW	GW8000-SDT-20	DTB8000-08-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>
10 kW	GW10K-SDT-20	DTB0010-07-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>
12 kW	GW12K-SDT-20	DTB0012-10-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>
15 kW	GW15K-SDT-20	DTB0015-08-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>
17 kW	GW17K-SDT-20	DTB0017-08-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>
20 kW	GW20K-SDT-20	DTB0020-08-00P	Yes	Yes	Wi-Fi	<b>Type II</b>	<b>Type II</b>	<b>Yes</b>

\*If other specifications are desired, please feedback this via Sales