

GOODWE

SMT 25-60 kW

GoodWe Distributor Launch



Product series

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Positioning

Commercial rooftop installations with complex layouts can trust the SMT inverter to facilitate maximum output. With high efficiency levels and up to six MPPT ports, a consistently impressive performance of the PV system is enabled. The inverter is easily transported and installed due to its compact and lightweight design, and can be integrated with GoodWe's Smart Energy Controller SEC1000 for load monitoring and power export limit functionalities.



Increased yield (110% AC power)



Full power up to 45°C



Optional AFCI function



For smaller C&I segment

- Flexible design for multi-angled rooftops.
- Easy installation and maintenance from the compact and light-weight inverter.
- Reliable yield even at high temperatures and full irradiances.
- Safe and secure: SPD type II

SMT Series

String Inverter | 25 - 60 kW | Up to 6 MPPTs | Three Phase

Product range overview



OLD = Phase-out	NEW = Phase-in
	GW25k-MT GW30k-MT ← Same model numbers GW36k-MT
GW50K N -MT	GW50K S -MT
GW60K N -MT	GW60K S -MT

Product range overview



25 – 36 kW

No change in model name: **GWxxk-MT**

- Ex: GW25k-MT → GW25k-MT

Change in item numbers:

- SMT0025-17-00P → SMT0025-19-01P

Possible to see on inverter nameplate:

- Max PV input current: 25 A → 30 A

50 – 60 kW

Change in model name: **GWxxKS-MT**

- Ex: GW50KN-MT → GW50KS-MT

Change in item numbers:

- MTN0050-15-00P → SMT0050-33-01P

Possible to see on inverter nameplate:

- Max PV input current: 25 A → 30 A
- Model name: GWxxKS-MT

Features

SMT 25 – 60 kW

15A Maximum Input

150% Oversizing
110% Overloading

3, 5, or 6 MPPT



200V-950V wide
operating voltage

Fuse-free Design

Type II SPD on DC/AC
side

What is new?

	SMT 25-36 kW	MT 50 kW	MT 60kW	SMT 25-36 kW	SMT 50kW	SMT 60kW
MPPT	3	4	4	3	5	6
Inputs per MPPT	2	2/2/3/3	3	2	2	2
Current per input	12.5 A	11 A	11 A	15 A	15 A	15 A
Size	57 L	122 L	122 L	57 L	76 L (-38%)	76 L (-38%)
Display	No	Yes	Yes	No	No	No

Compatibility

Standard:

- WiFi / LAN / 4G
- RS485
- Modbus RTU
- Sunspec

Devices:



SEC1000

- Aggregated monitoring (RS485)
- Dynamic power limitation
- Load monitoring
- IEC-104 compatible (**only 50&60 kW**)



Ez Logger Pro

- Aggregated monitoring (RS485)
- Connection of 3rd party weather device
- IEC-104 compatible (**only 50&60 kW**)



SCB3000

No PLC board integrated by default

- Aggregated monitoring (PLC)
- Connection of 3rd party weather device
- IEC-104 compatible

Target market and certification plan **25 - 36 kW**

No change in model name (25-36 kW) → **No** new certifications required

Target market and certification plan 50 & 60 kW

Country	Type A	Type B (new product)	Comments
Hungary	Done	Jan 2023	
Israel	IEC 62109 Done		need self declaration+listing
United Kingdom	TBD	TBD	the completion time will be delayed due to the UK network security certification issue. Contact Tech sales for timeline
South Africa	Done		
Belgium	Done		
Netherlands	Done	Jan 2023	
Poland	Done	Jan 2023	
Spain	Done	Jul 2023	
Denmark	Done	Jan 2023	Dansk Energi Self TR
Germany	Done	Jul 2023	
Estonia	Done	Jan 2023	
Greece	Done		
France	Done		
Sweden	Done	Jan 2023	White listing undergoing
Czech Republic	Done	Jan 2023	
Oman	Done		
Italy	Done		

Configuration

Prod. Name	Prod. Code	Display	DC-Switch	Communication	Smart Meter Incl.	Bluetooth incl.	SPD Type DC	SPD Type AC	Anti-PID/ PID recovery	AFCI	Input Current
GW25K-MT	SMT0025-33-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	No	15 A
GW30K-MT	SMT0030-35-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	No	15 A
GW36K-MT	SMT0036-48-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	No	15 A
GW50KS-MT	SMT0050-33-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	No	15 A
GW60KS-MT	SMT0060-42-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	No	15 A
GW50KS-MT	SMT0050-42-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	Yes	15 A
GW60KS-MT	SMT0060-52-01P	No	Yes	Wi-Fi+RS485	No	No	II	II	No	Yes	15 A

Price and warranty

Price

- See price list

Warranty

- Standard warranty terms: 5 years
- Extension option: +5 / +10 / +15 years

Marketing communication

Exhibitions:

- BATIMAT, FR (3 - 6.10)
- Smart Energy Forum, CZ (18.10 - 19.10)
- Solar and Storage Live, UK (18.10 - 20.10)

Roadshow:

- GR (14.10 - 11.11)