

GOODWE

Goodwe Product Overview



GOODWE
YOUR SOLAR ENGINE

100W 200W 300W 400W 500W 600W 700W 800W 900W 1000W 1200W 1500W 2000W 2500W 3000W 3500W 4000W 4500W 5000W 6000W 7000W 8000W 9000W 10000W

古
若磐石

Reliability

德
才兼备

Integrity

威
名远扬

Credibility

About Us



3 R&D
Centers



200 R&D
Staff



130 Patents



2 Plants
(Suzhou & Guangde)



15 Hectare
Lands



12 GW Production
Capacity



GOODWE
YOUR SOLAR ENGINE

AWARD

World's **No.1**
Storage Inverter Supplier

Australia's **Top3**
Residential Supplier

2 consecutive years of EuPD Research
"Top Brand PV Australia" Award

5 consecutive years of TÜV Rheinland
"All Quality Matters" Award

2020 "Best Inverter Award" of PV Magazine

2012-2020

ALL QUALITY MATTERS AWARD



2019

EH Series , MT Series
On-grid & Storage Inverters



2018

ET Series , DSS Series
Storage Solutions



2017

SBP Series
AC-coupled Retrofit



2016

MT Series , DNS Series
On-grid Inverters



2015

ES Series
Hybrid Inverter



**CONSECUTIVE
YEARS**



World's No. 1

Storage Inverter Supplier



IHS MARKIT

Global **Three-Phase** String Inverter Supplier

TOP 4



GOODWE
YOUR SOLAR ENGINE



02

Product & Feature



ON-GRID INVERTERS – Updated Portfolio

Single Phase

Three Phase

XS
1 MPPT
NEW!



GW1500-NS
GW2000-NS
GW2500-NS
GW3000-NS

DNS
Dual MPPT



GW3000D-NS
GW4200D-NS
GW5000D-NS

MS
3 MPPT



GW5000-MS
GW6000-MS
GW7000-MS
GW8500-MS
GW10k-MS

SDT
Dual MPPT



GW5000-DT
GW6000-DT
GW10K-DT
GW15K-DT

DT
Dual MPPT



GW20K-DT

SMT
Three MPPT



GW25K-MT
GW29.99K-MT
GW36K-MT

MT
Four MPPT



GW50K-MT
GW60K-MT
GW80K-MT

Flexibility, Simplicity & Added Functionality



- ✓ Higher oversizing ability
- ✓ Graphic Display
- ✓ Built in DC switch
- ✓ More MPPT's for Installation Flexibility
- ✓ Larger DC Input V
- ✓ Volt Var/watt settings pre-loaded

JOY TO INSTALL

Inbuilt
DC isolator



XS Series

Single MPPT, Single Phase

1.5kW-3kW

DNS Series

Dual MPPT, Single Phase

3kW-5kW

SMT Series

Three-MPPT, Single-Phase

25kW/29.9kW/36Kw

MS Series

Three-MPPT, Single-Phase

5kW-10kW

EH Series

Dual-MPPT, Single-Phase

3.6kW-5kW



STORAGE INVERTERS

Single Phase

Three Phase

ES/EM
50A/100A Hybrid LV



GW3048-EM

GW5048 - EM

GW5048-ES

SBP
AC Retrofit LV



GW3600S-BP

GW5000S-BP

EH
Hybrid HV
NEW!



GW36000-EH

GW5000-EH

GW6000-EH

ET
High Voltage



GW5K-ET

GW10k-ET



Energy Storage Solutions

ES, EM, ET, SBP, BH, EH

- Complete Storage Solutions Portfolio
- UPS Functionality
- All Meters & Accessories Provided
- Inbuilt Backup
- Up to **100%** Overload Capability
- Natural Cooling
- Large Charge/Discharge current



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GoodWe Energy Storage Product Statement

Dear Australian Customers,

Please refer to the below statement in regards to the maximum DC input power of two models of GoodWe energy storage products.

- 1 The maximum DC input power of GW5048D-ES is 8.5kW
- 2 The maximum DC input power of GW5048-EM is 7.5kW



STORAGE - Compatible battery brands

LV Storage products

Goodwe ES/EM/SBP

BYD

LG Chem

Alpha

Pylontech

Dyness

HV Storage Products

Goodwe EH/ET

BYD

Soluna



GOODWE
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Maximize Your Savings with GoodWe!

MS Series

Three-MPPT Single-Phase

5kW-10kW

**AVAILABLE
NOW!**





MS Series

Single Phase, 3 MPPT

5/6/8.5/10kW

- Largest single phase inverter range
- Only 3 MPPT Single Phase inverter
- Flexible system design
- Inbuilt export control
- 100% Oversizing capability
- Inbuilt DC Isolator
- 5+5 Warranty



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AC Output Overloading

10%

GoodWe MS inverters have the ability of 10% more output, which means it can help the PV system achieve higher generation.

Lightning Protection



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High Protection from Lightning

AC: Type II

DC: Type II



GoodWe SDT G1 vs GoodWe SDT G2



ACROSS THE OCEAN TO STAY WITH U

academy@goodwe.com sales@goodwe.com www.goodwe.com

Wider Capacity of SDT G2 series



Maximum Power Density: 0.44KW/L

VS



Maximum Power Density: 1.05KW/L

- SDT G2 has smaller volume and almost half of the height of SDT G1, not only saving logistic cost, but also improving the installation experience;
- SDT G2 has more than doubled power density compared with SDT G1.

Better Structural Design of SDT G2 series



Metal Plate Case + Separate Heat Dissipation Plate

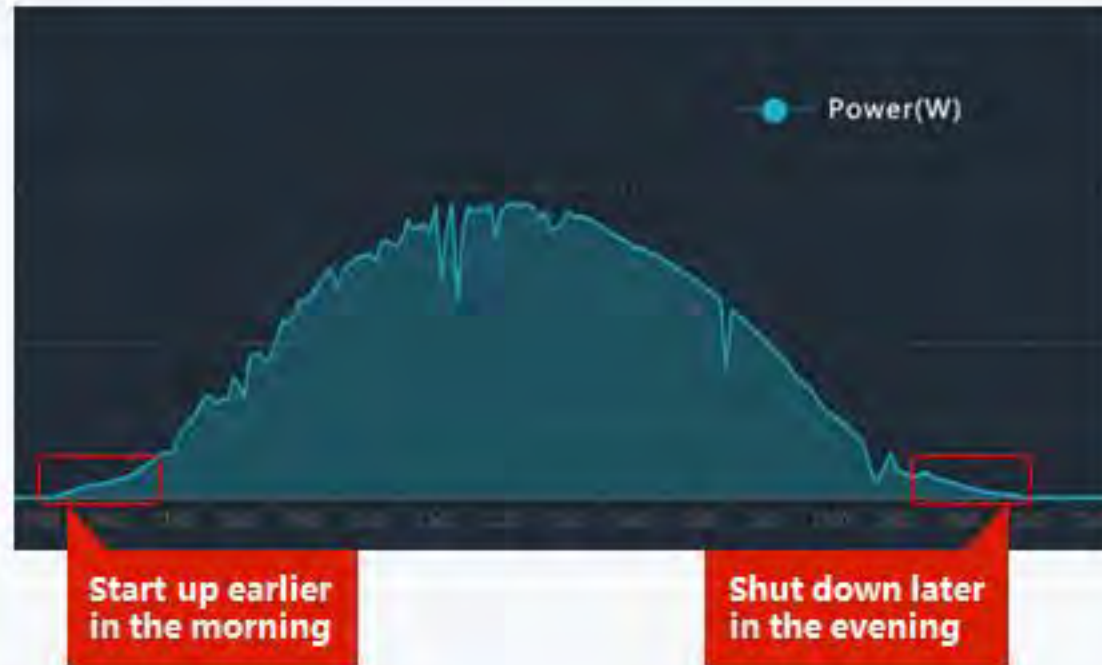
VS



Die casting body case

- Die casting case integrated with heat dissipation plate reduces the assembly procedures, guaranteeing higher reliability of mass production SDT G2;
- Heat dissipation on die casting case is cutting-edge design. Compared with the SDT G1, it is more friendly for the user or installer.

Lower Start-up Voltage of SDT G2 Series



Start up voltage

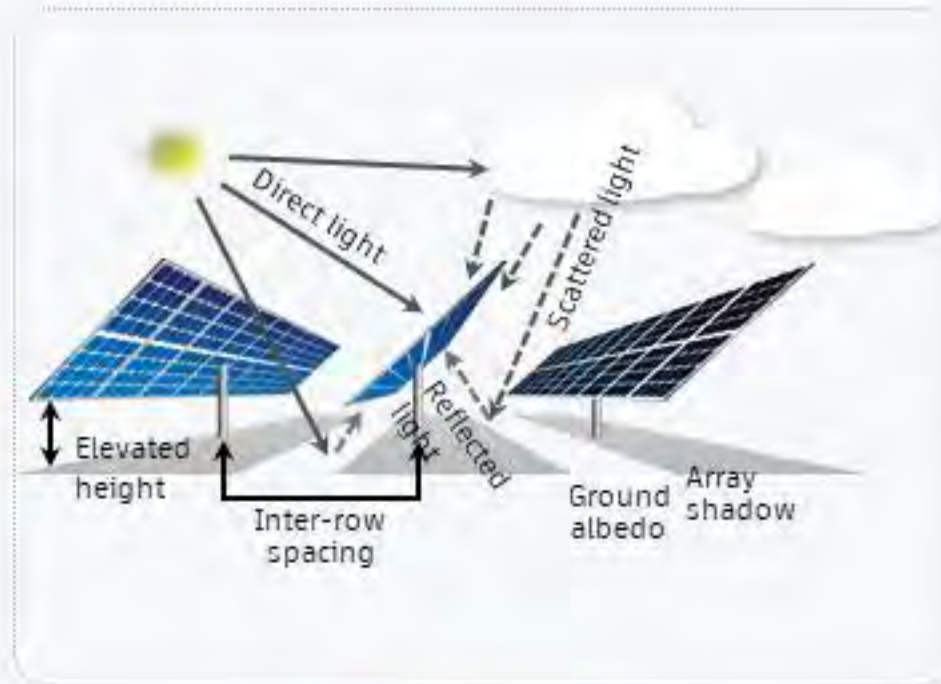


- Lower start voltage of SDT G2 series makes you get more generation at early morning and late in the evening

Compatible with Bifacial Modules



Max. Input Current : 12.5A



Bifacial Modules



Max. Input Current : 11A

- SDT G2 are compatible with most of Bifacial modules
- SDT G1 series can't work with bifacial modules

SMT Series

Three Phase, 3 MPPT

25/29.99/36kW

- 3 MPPT Commercial inverter
- Large Max DC Input V
- Allows for more panels per string
- Wide MPPT Range 200-950V
- 50% Oversizing capability
- Inbuilt DC Isolator



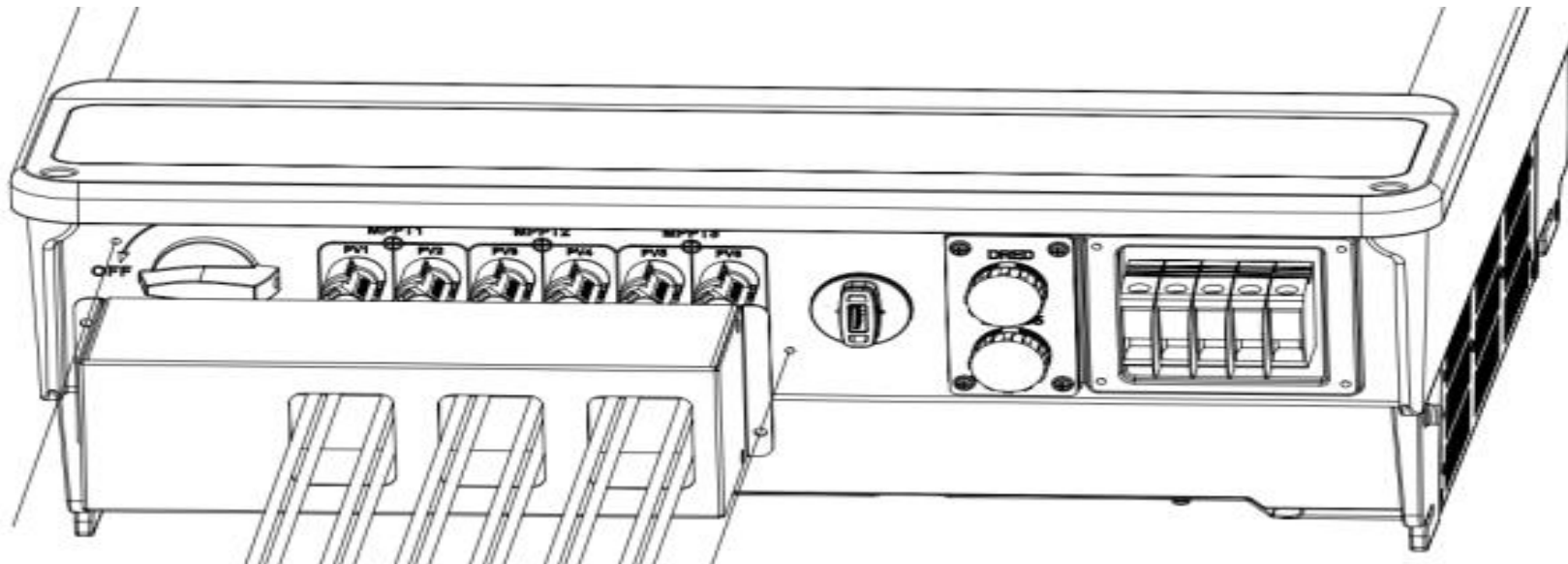
		SMT 25kW/30kW/36kW	Competitor 1	Competitor 2.
Input (DC)	Max. Input Voltage	1100V	1000V	1000V
	MPPT Voltage Range	200V to 900V	240V to 800V	580V to 850V
	Start-up Voltage	180V	188V	650V (Feed-in start voltage)
	Max. Input Current	75A	66A	44.7A
	No. of MPP Trackers	3	2	1
Output (AC)	Max AC output power	27500	25000	25000



Program Sample on 25kW with Longi 310W panel			
More panels per string (Max Voltage)	22	20	20
More Flexible orientation (MPPT)	3	2	1
More Allowed PV strings	6	6	4
Max PV Panel number	132	120	80
Max PV size	40.92kW	37.2kW	24.8kW

Goodwe SMT offers DC cover as standard.

Referring to the clause of 3.1 on AS/NZS5033:2012, for the non-domestic installations where the PV array maximum voltage V_{oc} array exceeds 600V the entire **PV array** and **associated wiring** and **protection**, shall have restricted access to allow access by only authorized persons.



MT Series

Three Phase, 4 MPPT

50/60/80kW

- 4 MPPT Commercial inverter
- 16 inputs (4 per tracker)
- Display default, optional without
- Wide MPPT
- 50% Oversizing capability
- No combiner boxes needed



Higher DC oversizing ability (50%) and larger AC overload allows higher yield



1MW other brands



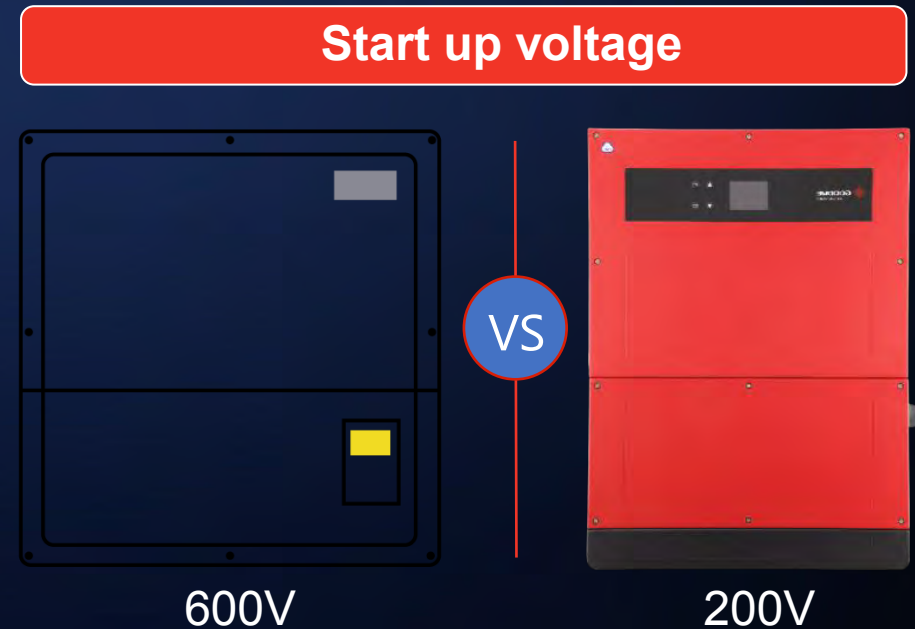
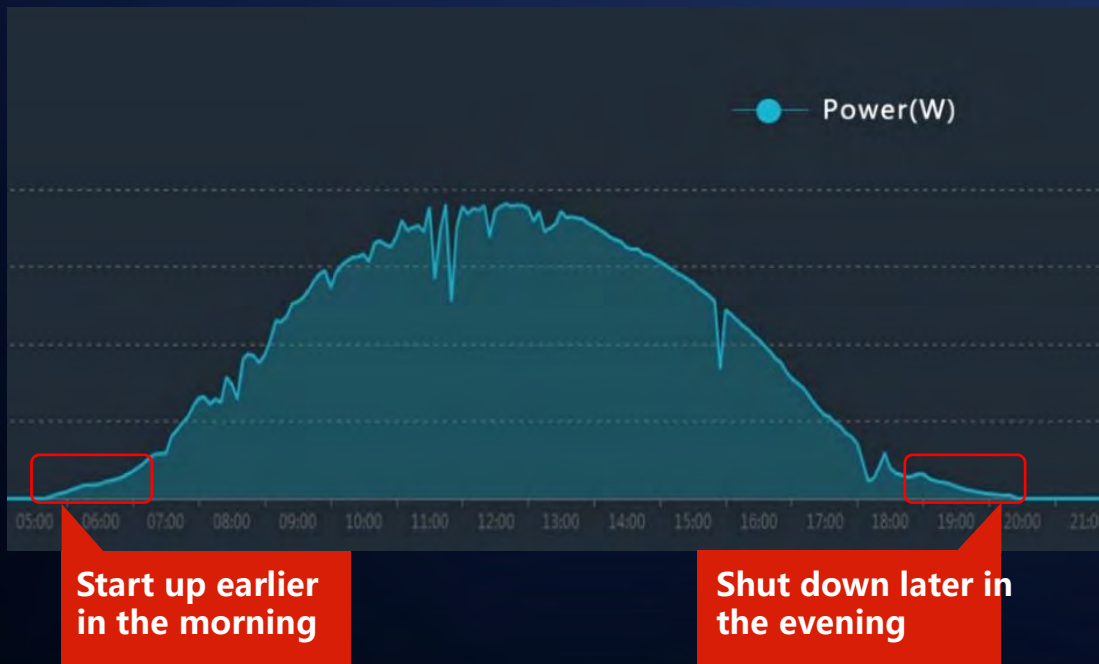
1MW MT 80K

50% DC oversize

Max 15% AC overload

Lower start voltage = Increased generation early morning and late in the evening

The power generation per day 0.3 ~ 0.5% higher than other brands



How to achieve export control



Single Phase System



Three Phase System



Commercial & Industry

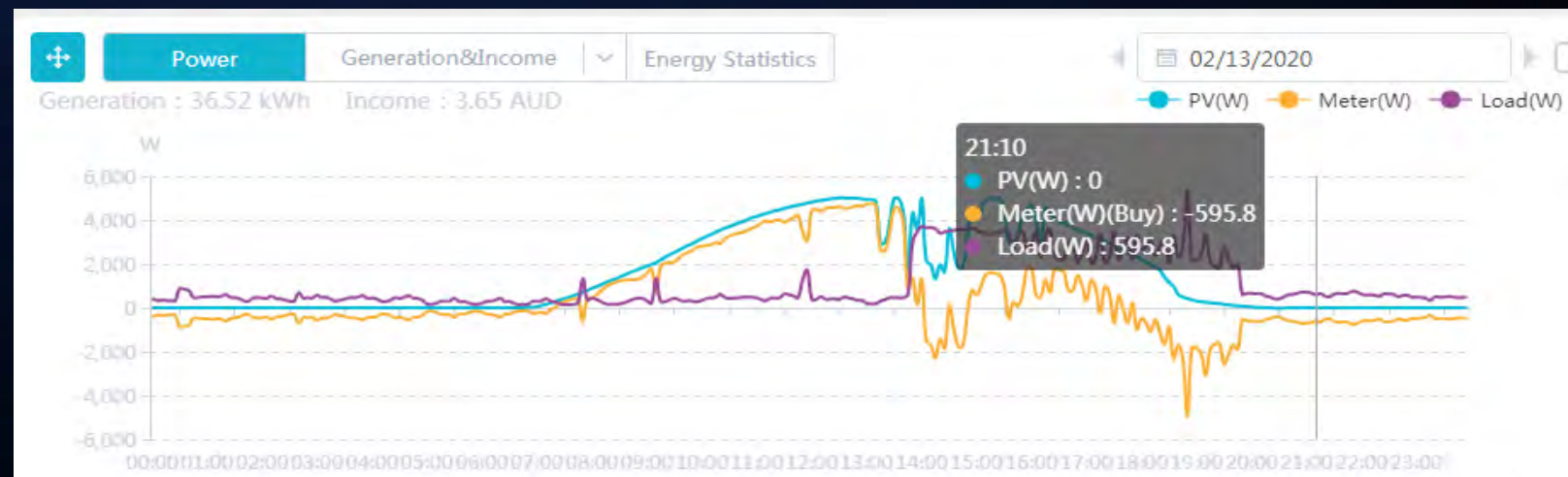


Accessories

Home Kit

Single Phase Consumption Monitoring

- Compatible with all solar systems
- 24 hours of load consumption monitoring
- Offering LAN and WiFi communications
- 4 poles on DIN rail





GOODWE
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Pan-Australia Online & Offline Service Network



Fully operational local
service structure



Online Warranty
Extention



Online Service
Follow-up System



Call Center
61(0)3 9918 3905