





The technical data above mentioned may be modified in order to reflect continuous technical innovation and improvements achieved by GoodWe's R & D team. GoodWe has the sole right to make such modification at any time without further notice. GoodWe's customers have the right to request the latest version of GoodWe product datasheets and any commercial contracts that may be signed will be based on the most recent version of the datasheet at the moment of signing the contract.

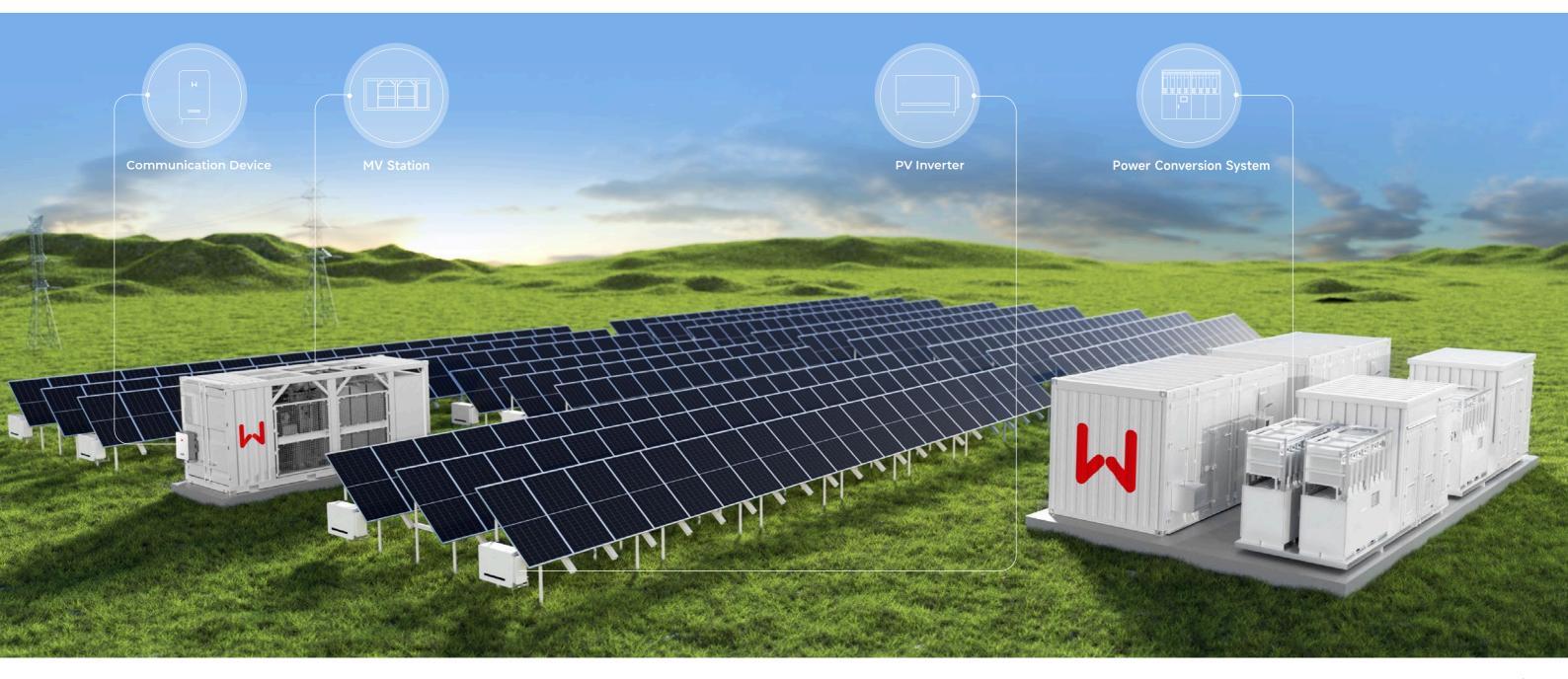
Copyright © GoodWe Technologies Co., Ltd. 2024. All rights reserved.



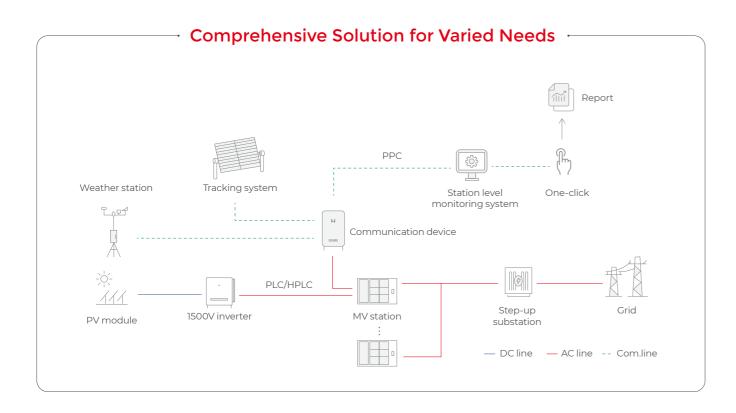


# Discover GoodWe's Utility-Scale Solutions

At GoodWe, we now offer a comprehensive range of utility-scale solutions tailored to meet the demands of large-scale renewable energy projects. Our lineup includes high-performance HT and UT string inverters, MV Stations for seamless grid connection, as well as communication devices and data loggers for comprehensive monitoring and control. Designed to deliver exceptional performance, reliability, and efficiency, GoodWe's utility-scale solutions provide an integrated approach to utility-scale installations. With our commitment to excellence and innovation, GoodWe is your trusted partner in driving the success of utility-scale projects worldwide.



### **Overall Solution & Benefits**



#### Easy O&M

- ·IV curve diagnosis & remote shutdown
- ·Convenient configuration
- •Flexible monitoring solutions
- ·High failure detection capabilities



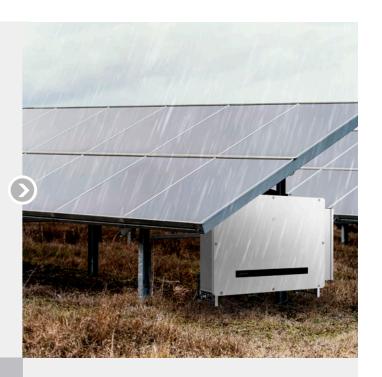


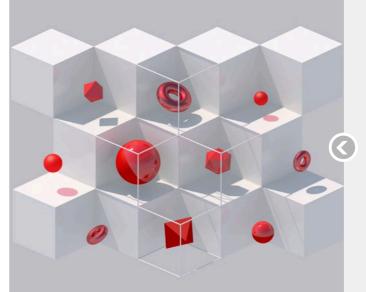
## Efficiency and High Performance

- Advanced MPPT algorithms for maximum energy capture
- High conversion efficiency for optimal power output
- Consistent performance in diverse environmental conditions

#### **Reliability and Durability**

- •Robust design with high-quality components
- Rigorous testing ensures reliability in various conditions
- Longevity backed by warranty and proven track record



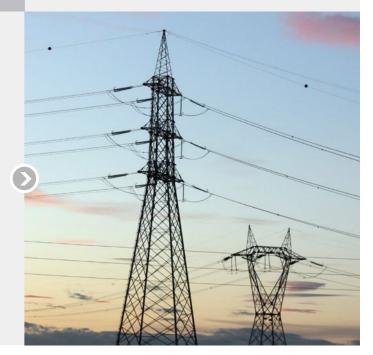


#### **Scalability and Adaptability**

- Modular design for easy integration and expansion
- Compatibility with different system sizes and configurations
- Flexibility to meet changing project requirements

## Grid Compatibility and Stability

- Compliance with grid standards and regulations
- Power quality management ensures grid stability
- Integration with smart grid technologies enhances reliability



## **HT Series**

#### 225/250kW | Three Phase | 6/12 MPPTs

The new HT1500V Series (225/250kW) is GoodWe's top inverter with an extensive list of features designed to reduce system and O&M costs. It is a perfect choice for the utilization of utility-scale centralized PV plants to maximize the return of investment. The HT1500V Series boasts options of 6 MPPTs and 12 MPPTs, reactive power compensation, and is compatible with bifacial 182mm/210mm modules. It features string level monitoring for intelligent detection of current issues. The series is also equipped with optional Anti-PID function and can realize 24-hour monitoring. For GW225KN-HT & GW250KN-HT, the unique mechanism of smart string protection switch is supported for the DC side protection against short circuits or reverse connections. The configuration of the HT1500V can be easily done via bluetooth, while firmware diagnosis and upgrading can be operated remotely. These outstanding sets of features were conceived to ensure the lowest levelized cost of energy (LCOE) and a utility that runs efficiently.





#### **Smart O&M**

- · String level monitoring
- · Real-time monitoring



#### **Lower Cost**

- AC terminal ready for 300mm<sup>2</sup> aluminum cables
- · Reactive power compensation at night



#### **Superb Safety & Reliability**

- · Smart string protection switch1
- Type II SPD for both DC and AC



#### **Higher Yields**

- · 20A max. current per string<sup>1</sup>
- · Anti-PID function

1: For GW225KN-HT and GW250KN-HT only.

Max. Input Current per MPPT (A)	50	50	60	60	
Max. Short Circuit Current per MPPT (A)	50	50	90	90	
Number of MPP Trackers	12	12	6	6	
Number of Strings per MPPT	2	2	3	3	
Output					
Nominal Output Power (kW)	225	250	225	250	
Nominal Output Apparent Power (kVA)	225	250	225	250	
Max. AC Active Power (kW)	247.5	250	247.5	250	
Max. AC Apparent Power (kVA)	247.5	250	247.5	250	
Nominal Output Voltage (V)	800, 3L / PE				
Output Voltage Range (V)		640	~ 920		
Nominal AC Grid Frequency (Hz)	50 / 60				
AC Grid Frequency Range (Hz)	45 ~ 55 / 55 ~ 65				
Max. Output Current (A)	178.7	180.5	178.7	180.5	
Power Factor		~1 (Adjustable from 0.8	B leading to 0.8 lagging)		
Max. Total Harmonic Distortion		<-	3%		
Efficiency					
Max. Efficiency		99	.0%		
European Efficiency	98.5%	98.5%	98.7%	98.7%	
Protection					
PV String Current Monitoring		Integ	rated		
PV Insulation Resistance Detection	Integrated				
Residual Current Monitoring	Integrated				
PV Reverse Polarity Protection	Integrated				
Anti-islanding Protection	Integrated				
AC Overcurrent Protection	Integrated				
AC Short Circuit Protection	Integrated				
AC Overvoltage Protection	Integrated				
DC Switch	Integrated				
DC Surge Protection		Тур	pe II		
AC Surge Protection		Тур	oe II		
Emergency Power Off		Opt	ional		
Remote Shutdown	Optional				
Anti-PID	Optional				
PID Recovery			ional		
Reactive Power Compensation at Night			rated		
Power Supply at Night		Integ	rated		
General Data					
Operating Temperature Range (°C)			~ +60		
Relative Humidity			100%		
Max. Operating Altitude (m)	5000 (>4000 derating)				
			Smart Fan Cooling		
Cooling Method		Smart Fa			
Cooling Method User Interface		Smart Fa LED (LCD optiona	l), Bluetooth + APP		
Cooling Method User Interface Communication		Smart Fa LED (LCD optiona RS485	I), Bluetooth + APP or PLC		
Cooling Method User Interface Communication Communication Protocols		Smart Fa LED (LCD optiona RS485 Modbi	l), Bluetooth + APP or PLC us RTU		
Cooling Method User Interface Communication Communication Protocols Weight (kg)		Smart Fa LED (LCD optiona RS485 Modbi	I), Bluetooth + APP or PLC us RTU 1		
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm)		Smart Fa LED (LCD optiona RS485 Modbi 11 1091 × 6	I), Bluetooth + APP or PLC us RTU 1 78 × 341		
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology		Smart Fa LED (LCD optiona RS485 Modbi 11 1091 × 6 Non-is	I), Bluetooth + APP or PLC us RTU 1 78 × 341 solated		
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology Self-consumption at Night (W)		Smart Fa LED (LCD optiona RS485 Modbi 11 1091 × 6 Non-is	or PLC us RTU 1 78 × 341 solated		
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology		Smart Fa LED (LCD optiona RS485 Modbi 11 1091 × 6 Non-is <	I), Bluetooth + APP or PLC us RTU 1 78 × 341 solated		

GW225K-HT

GW250K-HT

1500

1160

**GW225KN-HT** 

**GW250KN-HT** 

**Technical Data** 

Max. Input Voltage (V)

Start-up Voltage (V)

Nominal Input Voltage (V)

MPPT Operating Voltage Range (V)

Max. Input Current per MPPT (A)

Input

GoodWe-Single page-20240418-EN-V2.1. Information may be subject to change without notice during product improving.

<sup>\*:</sup> Please visit GoodWe website for the latest certificates.
\*: The product appearance shown is GW225KN-HT / GW250KN-HT. The appearance may vary for GW225K-HT / GW250K-HT.

## **UT Series**

#### 320/350kW | Three Phase | 12/15 MPPTs

The UT 1500V Series (320/350kW) is GoodWe's new three-phase string inverter designed to increase the profitability of utility-scale projects. Offering options of 12 MPPTs and 15 MPPTs, this series comes with a maximum string input current of 15/20A, thus supporting bifacial 182mm/210mm module access. The Anti-PID (Potential Induced Degradation) and PID-recovery functions are available to mitigate and recover from PID effects. Moreover, designed for harsh outdoor environments, the UT inverter is built to withstand extreme temperatures, with a wide operating range of -35°C to +60°C. With enhanced safety, optimal LCOE, and ensured cost-effectiveness, the high-performance UT inverter provides a future-ready solution for utility-scale PV projects.





- · 20A max. DC input current per string<sup>1</sup>
- · Anti-PID and PID recovery



#### **Superb Safety & Reliability**

- IP66 and optional C5 protection
- Full power operation at high temperatures: 350kW@40°, 320kW@45°



#### **Lower Costs**

- Reactive power compensation at night
- High-speed Power Line Communication (HPLC) for reduced wiring costs



#### **Grid Friendly**

- •Stable operation under weak grid conditions:SCR≥1.2
- Dynamic reactive power response <30ms

1: For GW320KH-UT and GW350KH-UT only.

Technical Data	GW320K-UT	GW320KH-UT	GW350K-UT	GW350KH-UT

reciffical Data	311320K 31	011320Kii 01	011330K 01	C 113301
Input				
Max. Input Voltage (V)		150	)O	
MPPT Operating Voltage Range (V)		480 ~		
Start-up Voltage (V)			00	
Nominal Input Voltage (V)		116		
Max. Input Current per MPPT (A)	30	40	30	40
Max. Short Circuit Current per MPPT (A)	50	60	50	60
Number of MPP Trackers	15	12	15	12
Number of Strings per MPPT	2			
Output				
Nominal Output Power (kW)	320	320	352	352
Nominal Output Apparent Power (kVA)	320	320	352	352
Max. AC Active Power (kW)	352	352	352	352
Max. AC Apparent Power (kVA)	352	352	352	352
Nominal Output Voltage (V)	002		SL / PE	
Output Voltage Range (V)			- 880	
Nominal AC Grid Frequency (Hz)			/ 60	
AC Grid Frequency Range (Hz)			/ 55 ~ 65	
Max. Output Current (A)		25		
Power Factor		~1 (Adjustable from 0.8		
Max. Total Harmonic Distortion		<3		
Efficiency				
Max. Efficiency		99.0	)1%	
European Efficiency		98.8		
Protection				
PV String Current Monitoring		Integ	rated	
Internal Humidity Monitoring	Integrated Integrated			
PV Insulation Resistance Detection	Integrated			
Residual Current Monitoring	Integrated			
PV Reverse Polarity Protection	Integrated			
Anti-islanding Protection	Integrated			
AC Overcurrent Protection		Integ		
AC Short Circuit Protection		Integ		
AC Overvoltage Protection		Integ		
DC Switch		Integ		
DC Surge Protection		Тур		
AC Surge Protection		Тур		
Anti-PID and PID recovery		Opti		
Reactive Power Compensation at Night		Opti		
Power Supply at Night		Integ		
I-V Curve Scan		Opti		
General Data				
Operating Temperature Range (°C)		-35 ~	+60	
Relative Humidity	0 ~ 100%			
		5000 (>4000 derating)		
Max. Operating Altitude (m)			00 derating)	
Max. Operating Altitude (m) Cooling Method		5000 (>400	00 derating) n Cooling	
		5000 (>400	n Cooling	
Cooling Method		5000 (>400 Smart Fa LED, LCD (Optior	n Cooling	
Cooling Method User Interface		5000 (>400 Smart Fa LED, LCD (Optior	n Cooling nal), WLAN + APP or HPLC	
Cooling Method User Interface Communication		5000 (>400 Smart Fa LED, LCD (Optior RS485 (	n Cooling nal), WLAN + APP or HPLC us RTU	
Cooling Method User Interface Communication Communication Protocols		5000 (>40( Smart Fa LED, LCD (Optior RS485 ( Modbu	n Cooling nal), WLAN + APP or HPLC is RTU	
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm)		5000 (>40( Smart Fa LED, LCD (Optior RS485 ( Modbu	n Cooling nal), WLAN + APP or HPLC is RTU 4	
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology		5000 (>40( Smart Fa LED, LCD (Optior RS485 ( Modbu 12 1120 × 81	n Cooling nal), WLAN + APP or HPLC is RTU 4 0 × 368 iolated	
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology Self-consumption at Night (W)		5000 (>400 Smart Fa LED, LCD (Option RS485 of Modbu 12 1120 × 81 Non-is	n Cooling nal), WLAN + APP or HPLC is RTU 4 10 × 368 solated 3	
Cooling Method User Interface Communication Communication Protocols Weight (kg) Dimension (W × H × D mm) Topology		5000 (>400 Smart Fa LED, LCD (Option RS485 of Modbu 12 1120 × 81 Non-is	n Cooling nal), WLAN + APP or HPLC is RTU 4 10 × 368 solated 3	

<sup>\*:</sup> Please visit GoodWe website for the latest certificates.

GoodWe-Single page-20240411-EN-V2.1. Information may be subject to change without notice during product improving.

## **MV Station**

#### 3.5/5/7/9.152MVA

GoodWe Medium-voltage Station, a compact step-up power center, is capable of withstanding various types of environments. It offers the highest power density in an energy-efficient and safe solution comprised of MV switchgear, transformer, and LV switchgear for power transformation in large-scale solar plants. The pre-assembled and cost-effective solution is integrated into a prefabricated 20ft container, ideal for easy transportation and quick installation. The Plug-and-Play design makes grid connection exceptionally easy and rapid, and the modular architecture allows for simplified maintenance. All contained electrical components are type-tested according to strict safety standards, providing safety for operators.







#### **Cost-saving Solution**

- · 20ft container for easy transportation
- A complete pre-assembled solution to minimalize deployment



#### High Reliability & Safety

- $\boldsymbol{\cdot}$  Type-tested components of reliable quality
- Suitable for harsh environments



#### **Easy Operation & Maintenance**

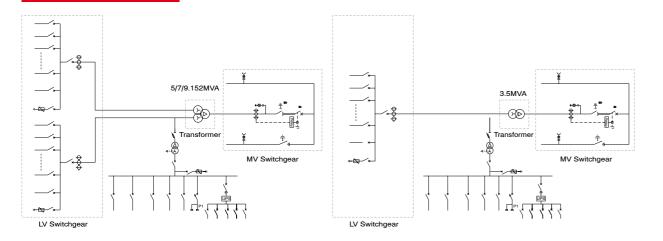
- Plug-and-play installation
- · Integrated modular design simplifying maintenance



#### **Trustworthy**

- Compatible with HT/UT inverters\*
- · Outstanding adaption to extreme environments

#### **CIRCUIT DIAGRAM**



<sup>\*:</sup> For GW3500K-MVS, GW5000K-MVS, GW7000K-MVS, the MCCB model of UT needs to be selected separately.

#### Model GW3500K-MVS GW5000K-MVS GW7000K-MVS GW9100K-MVS

		·		
Transformer Type			mersed	
Rated Power (kVA)	3500kVA@40°C	5000kVA@40°C	7000kVA@40°C	9152kVA@40
Winding Connection	Dy11	Dy11-y11	Dy11-y11	Dy11 - y11
LV / MV Voltage (kV)	0.8 / 10 ~ 35	0.8 / 10 ~ 35	0.8 / 10 ~ 35	0.8 / 20 ~ 3
Maximum Input Current at Nominal Voltage (A)	2526	2 × 1805	2 × 2526	2 × 3302
Frequency (Hz)	50 / 60			
Tapping range	±2 × 2.5%			
Peak Efficiency Index	≥99%			
Cooling Type		ONAN (Oil Nat	ural Air Natural)	
Impedance	7.0% (±10%)	7.5% (±10%)	8.0% (±10%)	9.5% (±10%)
Oil Type		Mineral oil	(PCB free)	
Winding Material		Al	/ Al	
Insulation Class		P	4	
MV Switchgear				
Insulation Type		SI	=6	
Rate Voltage (kV)	12.0 ~ 40.5	12.0 ~ 40.5	12.0 ~ 40.5	24.0 ~ 40.5
Rate Current (A)		63	30	
Internal Arcing Fault	IAC AFL 20kA / 1s			
Qty.of Feeder		2-3 feeders (D / V / C) 3 feeders (I Optional: C		
LV Room				
ACB Specification		3200A / 800Vac / 3P, 2pcs	·	
MCCB Specification	250A / 800Vac / 3P, 14pcs 320A / 800Vac / 3P, 10pcs	250A / 800Vac / 3P, 20pcs 320A / 800Vac / 3P, 14pcs	250A / 800Vac / 3P, 28pc 320A / 800Vac / 3P, 20pc	s s 320A / 800Vac / 3P
Protection				
AC Input Protection		Circuit	breaker	
Transformer Protection		Oil-temperature, o	oil-level,oil-pressure	
LV Overvoltage Protection		AC Typ		
General Date				
C.C.I.C.C.	6058 × 2896 × 2438		396 × 2438	
	1)	6058 × 28		
Dimensions (W × H × D mn			<22	<25
Dimensions (W × H × D mn Approximate Weight (t) Operating Temperature	<22	6058 × 28 <22 -25 ~ +55	<22	<25 -25 ~ 55 (>40°C derati
Dimensions (W × H × D mn Approximate Weight (t)	<22	<22		-25 ~ 55 (>40°C derati 5kVA / 400V (Op
Dimensions (W × H × D mn Approximate Weight (t) Operating Temperature Range (°C)	<22	<22 -25 ~ +55 / 400V (Optional: max.		-25 ~ 55 (>40°C derati 5kVA / 400V (Op
Dimensions (W × H × D mn Approximate Weight (t) Operating Temperature Range (°C) Auxiliary Power Supply	<22	<22 -25 ~ +55 / 400V (Optional: max.	20kVA)	
Dimensions (W × H × D mm Approximate Weight (t) Operating Temperature Range (°C) Auxiliary Power Supply Ingress Protection Rating	<22 5kVA	<22 -25 ~ +55 / 400V (Optional: max.  P: 0 ~	20kVA) 54	-25 ~ 55 (>40°C derati 5kVA / 400V (Op
Dimensions (W × H × D mm Approximate Weight (t) Operating Temperature Range (°C) Auxiliary Power Supply Ingress Protection Rating Relative Humidity	<22 5kVA	<22 -25 ~ +55 / 400V (Optional: max. IP: 0 ~ 1000 (Opti	20kVA) 54 95%	-25 ~ 55 (>40°C derati 5kVA / 400V (Op
Dimensions (W × H × D mm Approximate Weight (t) Operating Temperature Range (°C) Auxiliary Power Supply Ingress Protection Rating Relative Humidity Max. Operating Altitude (m)	<22 5kVA	<22 -25 ~ +55 / 400V (Optional: max. IP: 0 ~ 1000 (Opti	20kVA) 54 95% onal: 2000) onal: C5M)	-25 ~ 55 (>40°C derati 5kVA / 400V (Op max. 50kVA

<sup>\*:</sup> Please visit GoodWe website for the latest certificates

GoodWe-Single page-20240729-EN-V2.1. Information may be subject to change without notice during product improving.

## **SCU3000**

GoodWe provides the SCU3000 (Solar Communication Unit) to achieve optimal data acquisition and centralized monitoring & maintenance for devices within PV systems. With its flexible networking and easy operations, the unit is an ideal choice for smart inverters in large-scale commercial and industrial (C&I) as well as utility-scale PV projects. Additionally, it supports optical fiber ring network communication to ensure accurate data transmission between PV sub-arrays.





SD memory card for log storage and export



Embedded Web server for batch configuration and upgrade



Support of multiple protocols



Support of various communication ports

Model	SCU3000-S	SCU3000	SCU3000A-S	SCU3000A
Communication				
Max. Inverters Supported		2	200	
RS485 interface			8	
Ethernet		2 × RJ45, 1	10 / 100Mbps	
Number of PLC	1 × PLC	2 × PLC	1 × HPLC	2 × HPLC
Input Voltage Range of PLC (V)		3	300	
Configuration				
Datalogger	EzLogger3000U × 1	EzLogger3000U × 1	EzLogger3000U-A × 1	EzLogger3000U-A × 1
Fibre Channel Switch	2 optical ports, 6 electrical ports			
Fiber Termination Box	24 ports, SC single-mode			
Power Supply	100 ~ 240Vac, 50 / 60Hz			
Power Consumption (W)	≤30	≤35	≤30	≤35
Mechanical				
Dimensions (W × H × D mm)	723 × 780 × 226			
Weight (kg)	25	28	25	28
Installation Method	Wall mounting, bracket mounting, pole mounting			
Environment				
Operating Temperature Range (°C)	-30 ~ +60			
Storage Temperature Range (°C)		-40 ~ +70		
Relative Humidity		5 ~	95%	
Max. Operating Altitude (m)	<u> </u>	5	000	
Ingress Protection Rating		IF	P65	

<sup>\*:</sup> Please visit GoodWe website for the latest certificates.

GoodWe-Single page-20230314-EN-V2.1. Information may be subject to change without notice during product improving.



GoodWe's Smart DataLogger EzLogger3000U is designed for data acquisition, transmission, and protocol conversion in utility-scale PV projects. In combination with a GoodWe solar inverter, it can easily read and record all key plant data and constantly transmit the data to the GoodWe or third-party SCADA systems via the internet.





Connecting up to 200 devices



Support of multiple protocols



Data breakpoint resume



USB and embedded web for data reading and software upgrade

Model	EzLogger3000U	EzLogger3000U-A	
Device Management			
Max. Number of Connected Devices	200		
Electrical			
AC Power Supply	100 ~ 240V, 50 / 60Hz		
DC Power Supply	24V		
Power Consumption (W)	≤27		
Communication Interface			
LAN	2		
PLC	1×PLC	1×HPLC	
RS485	COM × 8		
Digital / Analog Input/Output	DI × 8, DO × 4, AI × 8		
PT100 / PT1000	PT100×2, PT1000×2		
Active DO	12V, 100mA		
Communication Protocol			
Ethernet	Modbus-TCP, IEC 60870-5-104		
RS485	Modbus-RTU, IEC 60870-5-103 (standard), DL / T645		
User Interface			
LED	LED × 4		
WEB	Embedded Web		
USB	USB 2.0 x 1		
Mechanical			
Dimensions (W × H × D mm)	430 × 44 × 161		
Weight (kg)	1.2		
Installation Method	Wall Mounting, DIN Rail Mounting, Tabletop Mounting		
Environment			
Operating Temperature Range (°C)	-30 ~	+60	
Storage Temperature Range (°C)	-40 ~	+70	
Relative Humidity	5 ~ 0	95%	
Max. Operating Altitude (m)	50	00	
Ingress Protection Rating	IP2	20	

<sup>\*:</sup> Please visit GoodWe website for the latest certificates

GoodWe-Single page-20240424-EN-V2.1. Information may be subject to change without notice during product improving

<sup>\*:</sup> All pictures shown are for reference only. Actual appearance may vary.

### **Case Studies**



74 MW solar project in Thessaloniki, Greece

#### Solution:

230 units of 250kW-HT string inverter 86 units of 100kW-HT string inverter SEC1000 communication device



**80MW** PV Project in Gansu, China

#### Solution:

356 units of 225kW-HT string inverter

#### **Expected Benefits**



Maximizes the plant's yield generation in high temperature areas due to an advanced design and unique late temperature derating



Brings in a high level of digitalization and uptime for utility solar farms through its PLC and Anti-PID technology

**50MW** Fishery-Photovoltaic Complementary Project in Hubei, China

#### Solution:

157 units of 350kW-UT string inverter



#### System Benefits



Optimizes local economic and industrial structures while fostering environmental protection and economic growth



Generates 186.84 million kWh yearly



Cuts CO<sub>2</sub> emissions by 142,800 tons annually

## 11 MW PV project located in Perak, Malaysia

#### Solution:

52 units of 250kW-HT string inverter 2 units of 6750kVA MV Station SCB3000 communication device SolarOS monitoring platform



#### System Benefits



Combines fishery farming with PV to maximize land efficiency



Generates 70,400 MWh yearly



Provides locals with varied revenue sources



Saves 234,600 tons of coal and cuts 633,400 tons of  $CO_2$  annually

#### **Expected Benefits**



Produces 24.095 GWh, generating yearly revenues of \$1 million



Lowers emissions by 17.1 metric tons annually

# GoodWe - Bankable Brand with Higher Product Reliability

GoodWe is a world-leading PV inverter manufacturer and smart energy solution provider established in 2010. The company has around 5,000 employees worldwide and has a track record of over 71 GW of installations in over 100 countries and regions. GoodWe offers an extensive range of products and solutions tailored for residential, commercial and industrial, and utility-scale PV systems, delivering reliable and high-performance solutions across its entire portfolio. In 2021, GoodWe was recognized as one of the top three hybrid inverter suppliers worldwide by Wood Mackenzie.



#### **Reliability and Innovation**

















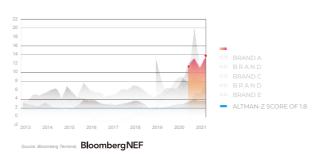




Bankable brand with higher product reliability

GoodWe is recognized as a bankable brand with higher product reliability by DNV. Concluded from the report issued in 2021, DNV views GoodWe as a well-established manufacturer of power conversion products with a successful history in design and manufacturing.

GoodWe's positive operating performance and solid potential over the period has landed it the highest Altman-Z score among PV manufacturers on BloombergNEF's 2021 report, displaying its strong financial health and bankability.



#### Global Presence with Local Service



3 Production Facilities

China: Suzhou, Guangde Vietnam: Haiphong 4 R&D Centers

China: Suzhou, Shenzhen, Wuhan, Nanjing

#### **Quality Assurance at Every Stage**

Emphasizing quality as our priority, GoodWe upholds the highest standards in every aspect of our operations. From customer satisfaction to product performance, our commitment to excellence drives innovation and growth in the renewable energy sector.



Incoming Quality Management

Process Quality Management

Outgoing/Open Box Audit

Quality Engineering