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# Compatibility list of GoodWe inverters and IoT products

Version 03  
October 22, 2024



This document lists the compatibility between all GoodWe inverters and IoT products consisting of

1.Communication Modules 2.Data loggers and communication boxes 3.Smart Meters

## Communication Module

Communication module integrates the function of local configuration and data transmitting to cloud center, so that customers can monitor inverter's working status locally or remotely.

Model	Status	ARM Platform	Communication Modules													Firmware Version Requirement (No remark means no version requirement)		
			WiFi BOX	WiFi KIT	WiFi Kit-20	4G KIT-EC	4G KIT-AU	4G KIT-AF	BLUETOOTH KIT	LAN BOX	LAN KIT	WiFi+LAN KIT	WiFi/LAN Kit-20	WiFi/LAN Kit-20 (Cyber Security Version)	Ezlink3000			
			5PIN	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB			
			Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production			
ESA	Phase Out	105	√															
ES	Phase Out	105		√									√*1				*1: ARM 19 or above; DSP 12 or above	
BP/EM/SBP	Phase Out	105	√												√*1		*1: ARM 13 or above	
ET ET PLUS+5~10K BT 5~10K EH EH PLUS+ BH	Mass Production	205		√			√*2	√*3					√*4		√*5	√*6	√*7	*2: ARM 20 or above (Only T-mobile/simpoint/Ince for Netherlands, and monthly traffic must be 250Mb or above) *3: ARM 20 or above (Only Telstra/Optus, and monthly traffic must be 250Mb or above) *4: ARM 12 or above *5: ARM 25 or above *6: ARM 29 or above, module ARM 04 or above *7: ARM 29 or above, module ARM 01 or above
EHB	Phase Out	205		√			√*2	√*3					√*4		√*5			
AES/ABP	Mass Production	205		√						√			√*1		√*2			*1: ARM 12 or above *2: ARM 25 or above
ES G2	Mass Production	745		√		√*1								√*2	√*3	√*4	√*5(Parallel)	*1: ARM 07 or above (module ARM 04 or above) *2: ARM 02 or above *3: ARM 08 or above (module ARM 04 or above) *4: ARM 08 or above (module ARM 01 or above) *5: ARM 07 or above (Ezlink ARM 02 or above)
SBP G2	Mass Production	745		√		√*1								√*2	√*3			*1: ARM 07 or above (module ARM 04 or above) *2: ARM 02 or above *3: ARM 08 or above (module ARM 04 or above)
ET 15~30K	Mass Production	745		√		√*1								√*2	√*3	√*4	√*5(Parallel)	*1: ARM 07 or above (module ARM 04 or above) *2: ARM 02 or above *3: ARM 08 or above (module ARM 04 or above) *4: ARM 08 or above (module ARM 01 or above) *5: ARM 08 or above (Ezlink ARM 04 or above)
ET G2	Mass Production	745													√*1	√*2	√*3(Parallel)	*1: Module ARM 04 or above *2: Module ARM 01 or above *3: ARM 08 or above (Ezlink ARM 04 or above)

Model	Status	ARM Platform	Communication Modules													Firmware Version Requirement (No remark means no version requirement)	
			WiFi BOX	WiFi KIT	WiFi Kit-20	4G KIT-EC	4G KIT-AU	4G KIT-AF	BLUETOOTH KIT	LAN BOX	LAN KIT	WiFi+LAN KIT	WiFi/LAN Kit-20	WiFi/LAN Kit-20 (Cyber Security Version)	Ezlink3000		
			5PIN	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB		
			Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production		
ES-US20 SBP-US20	Mass Production	745															
ES uniq	Mass Production	745										√*1			√*1(Parallel)		*1: ARM 08 or above
ET 40~50K	Mass Production	745										√*1	√*3				*1: ARM 09 or above (module ARM 03 or above) *3: ARM 09 or above
XS XS PLUS+	Mass Production	105		√*1		√*3			√*2		√*3	√*3					*1: ARM 04 or above *2: ARM 14 or above *3: ARM 15 or above
	Mass Production	305*1		√		√			√		√	√					*1: ARM 50 or above
XS G3	Mass Production	425		√	√*3	√*2						√	√*3	√*4			*2: ARM 01 or above *3: Module ARM 04 or above *4: Module ARM 01 or above
DNS	Mass Production	105		√*1		√*3			√*2		√*3	√*3					*1: ARM 04 or above *2: ARM 14 or above *3: ARM 15 or above
	Mass Production	305*1		√		√			√		√	√					*1: ARM 50 or above
DNS G3	Mass Production	425		√	√*1	√*3	√*2		√			√*4	√*1	√*5			*1: ARM 03 or above (module ARM 04 or above) *2: 4G KIT ARM 06 or above *3: ARM 06 or above *4: ARM 03 or above *5: ARM 03 or above (module ARM 01 or above)
MS	Mass Production	305		√*1		√*1			√*1		√*1	√*1					*1: ARM 50 or above
MS G3	Mass Production	425		√	√*1	√*3	√*2		√				√*1	√*5			*1: ARM 03 or above (module ARM 04 or above) *2: 4G KIT ARM 06 or above *3: ARM 06 or above *5: ARM 03 or above (module ARM 01 or above)
MS-US	Mass Production	745		√*2	√*1			√*2	√*2			√*2	√*1	√*1	√*1		*1: ARM 04 or above (WiFi/LAN kit-20 ARM 04 or above, WiFi/LAN kit-20 cyber security ARM 01 or above, Ezlink ARM 01 or above) *2: ARM 05 or above

Model	Status	ARM Platform	Communication Modules													Firmware Version Requirement (No remark means no version requirement)
			WiFi BOX	WiFi KIT	WiFi Kit-20	4G KIT-EC	4G KIT-AU	4G KIT-AF	BLUETOOTH KIT	LAN BOX	LAN KIT	WiFi+LAN KIT	WiFi/LAN Kit-20	WiFi/LAN Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	5PIN Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	USB Mass Production	
SDT G2 SDT G2 PLUS+	Mass Production	205		√		√*1			√*2		√	√				*1: ARM 14 or above *2: ARM 09 or above
	Mass Production	405*1		√		√			√		√	√				*1: ARM 50 or above
SDT G3	Mass Production	425		√	√								√*1	√*2		*1: ARM 14 or above *2: ARM 09 or above
MT MT G2	Phase Out	105	√	√*1					√*3		√*4	√*4				*1: ARM 04 or above *3: ARM 14 or above *4: ARM 15 or above
	Phase Out	305*1	√	√					√		√	√				*1: ARM 50 or above
UT	Mass Production								√							
HT 1100V	Mass Production	753		√					√						√*2	*2: ARM 16 or above (Ezlink needs 04 or above)
HT 1500V		753		√					√							
EO	Mass Production												√	√		
SMT	Mass Production	205		√					√*1			√*2				*1: ARM 09 or above *2: ARM 12 or above
SMT-US	Mass Production	745		√				√*1	√*1			√*1	√*1			*2: ARM 05 or above
LV SMT-US	Mass Production	745						√	√				√			
SMT 75/80K	Mass Production	745											√			
GT	Early Sales	745							√				√			

## Data Logger and communication box

Data Logger supports to connect multiple inverters by RS485 mainly for C&I system, and PLC(HPLC) for utility system, achieving functions of data monitoring and system control. Moreover, adding smart meter can realize the function of power limitation.

Model	Status	ARM Platform	Data loggers											ARM Version Requirement (No remark means no version requirement)	
			Ezlogger Pro	Ezlogger3000C	SEC1000	SEC1000S	SCB3000	SCU3000A	SCU3000A-S	SCU3000	SCU3000-S	Ezlogger3000U-A	Ezlogger3000U		
			Mass Production	Early Sales	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production		
ET ET PLUS+	Mass Production	205				√*1									*1: ARM 09 or above
XS XS PLUS+	Mass Production	105	√												
	Mass Production	305*1	√												*1: ARM 50 or above
XS G3	Mass Production	425	√*2												*2: ARM 07 or above
DNS	Mass Production	105	√												
	Mass Production	305*1	√												*1: ARM 50 or above
DNS G3	Mass Production	425	√*2												*2: DSP 07 or above
MS	Mass Production	305	√*1												*1: ARM 50 or above
SDT G2 SDT G2 PLUS+	Mass Production	205	√*2		√*2										*1: ARM 50 or above *2: ARM 13 or above
	Mass Production	405*1	√		√*2										
SDT G3	Mass Production	425	√*1	√*2	√*1										*1: ARM 03 or above *2: ARM 04 or above, DSP 02 or above
MT MT G2	Phase Out	105	√*1		√*1										*1: ARM 12 or above
	Phase Out	305*1	√		√										*1: ARM 50 or above
UT	Mass Production	745		√*2					√*1 HPLC+RS485	√*1 HPLC+RS485			√*1 HPLC+RS485		*1: ARM 02 or above, HPLC 01 or above *2: ARM 02 or above SCU3000A/EzLogger3000U-A ARM 01 or above

Model	Status	ARM Platform	Data loggers											ARM Version Requirement (No remark means no version requirement)	
			Ezlogger Pro	Ezlogger3000C	SEC1000	SEC1000S	SCB3000	SCU3000A	SCU3000A-S	SCU3000	SCU3000-S	Ezlogger3000U-A	Ezlogger3000U		
			Mass Production	Early Sales	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production		
HT 1100V	Mass Production	753	√*1	√*2	√*1			√RS485							*1: ARM 16 or above, HPLC 01 or above *2: ARM 17 or above, DSP 12 or above SCB3000 ARM 04 or above
HT 1500V	Mass Production	753		√*2				√ PLC+RS485	√*1 HPLC+RS485	√*1 HPLC+RS485	√ PLC+RS485	√ PLC+RS485	√*1 HPLC+RS485	√ PLC+RS485	*1: ARM 16 or above, HPLC 01 or above *2: ARM 17 or above, DSP 12 or above SCB3000 ARM 04 or above SCU3000/Ezlogger3000U ARM 01 or above SCU3000-A/Ezlogger3000U-A ARM 02 or above
SMT 25-36K	Mass Production	205	√*1	√*2	√*1										*1: ARM 13 or above *2: ARM 21 or above, Logger ARM 02 or above
SMT 40K (CN)	Mass Production	206	√*1	√*2	√*1										*1: ARM 13 or above *2: ARM 21 or above, Logger ARM 02 or above
SMT 40K (JP)	Mass Production	207		√*2											*1: ARM 13 or above *2: ARM 21 or above, Logger ARM 02 or above
SMT 50-60K	Mass Production	208	√*1	√*2	√*1										*1: ARM 13 or above *2: ARM 21 or above, Logger ARM 02 or above
SMT 15/20K	Mass Production	209	√*1		√*1										*1: ARM 13 or above
SMT 30/35K	Mass Production	210	√*1		√*1										*1: ARM 13 or above
SMT-US	Mass Production	745	√*1	√*2											*1: ARM 06 or above *2: Logger ARM 02 or above
LV SMT-US	Mass Production	745		√											
SMT 75/80K	Mass Production	745		√*1											*1: Ezlogger3000C ARM 02 or above
GT	Early Sales	745	√	√*1	√										*1: ARM 03 or above

# Smart Meter

Smart Meter can detect power import and export status to achieve functions of power limitation, battery charging and discharging management, etc.

Model	Status	ARM Platform	Smart Meters												ARM Version Requirement (No remark means no version requirement)	Power limitation (only for systems with one inverter)	Load monitoring		
			GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	HK1000	HK3000					
			1CT	2CT	1CT	2CT	3CT	/	/	North-America 2CT	North-America 4CT	3CT	2CT	3CT					
ESA ES	Phase Out	105	√*1					√*1									*1: ARM 13 or above	√	√
BP EM	Phase Out	105	√*1														*1: ARM 13 or above	√	√
SBP	Phase Out	105	√*1	√*1													*1: ARM 13 or above	√	√
ET ET PLUS+ 5~10K BT5~10K	Mass Production	205						√										√	√
EH EH PLUS+ BH	Mass Production	205	√	√				√										√	√
EHB	Phase Out	205	√*1														*1: ARM 17 or above	√	√
ES G2	Mass Production	745	√		√*1			√									*1: ARM 01 or above	√	√
SBP G2	Mass Production	745	√	√	√*1	√*1											*1: ARM 01 or above	√	√
ET 15~30K	Mass Production	745						√		√*1							*1: ARM 07 or above	√	√
ET G2	Mass Production	745						√		√								√	√
ES uniq	Mass Production	745			√*1					√*1							*1: ARM 08 or above	√	√
ES-US	Mass Production	745								√								√	√
SBP-US	Mass Production	745								√	√							√	√
ET 40~50K	Mass Production	745						√*1		√*2							*1: ARM 09 or above *2: ARM 09 or above	√	√
XS XS PLUS+	Mass Production	105	√											√			*1: ARM 50 or above	x	x
	Mass Production	305*1	√											√				x	x

Model	Status	ARM Platform	Smart Meters												ARM Version Requirement (No remark means no version requirement)	Power limitation (only for systems with one inverter)	Load monitoring		
			GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	HK1000	HK3000					
			1CT	2CT	1CT	2CT	3CT	/	/	North-America 2CT	North-America 4CT	3CT	2CT	3CT					
Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production							
XS G3	Mass Production	425	√		√		√*1						√	√		*1: ARM 01 or above	√	√	
DNS	Mass Production	105	√															x	x
	Mass Production	305*1	√										√			*1: ARM 50 or above	x	x	
DNS G3	Mass Production	425	√*1		√*1		√*2						√	√		*1: ARM 03 or above *2: ARM 06 or above	ARM 05 or above	ARM 05 or above	
MS	Mass Production	305	√										√				x	x	
MS G3	Mass Production	425	√*1		√*1		√*2						√	√		*1: ARM 03 or above *2: ARM 06 or above	ARM 03 or above	ARM 03 or above	
MS US	Mass Production	745								√*1						*1: ARM 05 or above	ARM 05 or above	ARM 05 or above	
SDT G2 SDT G2 PLUS+	Mass Production	205					√								√*2			√	x
	Mass Production	405*1					√								√*2	*1: ARM 50 or above			
SDT G3	Mass Production	425					√		√				√		√*1	*1: Power limitation function doesn't need network configuration for HK3000	√	x	
MT MT G2	Phase Out	105					√*2	√*2										x	x
	Phase Out	305*1					√	√								*1: ARM 50 or above *2: ARM 14 or above			



Model	Status	ARM Platform	Smart Meters												ARM Version Requirement (No remark means no version requirement)	Power limitation (only for systems with one inverter)	Load monitoring	
			GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	HK1000	HK3000				
			1CT	2CT	1CT	2CT	3CT	/	/	North-America 2CT	North-America 4CT	3CT	2CT	3CT				
Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production					
UT	Mass Production	745																Use Acrel Meter (DSP 04 or above, CPLD 01 or above)
HT 1100V	Mass Production	753						√	√				√*1			*1: ARM 17 or above, DSP 19 or above	x	x
ETC BTC	Mass Production	753						√	√								x	x
SMT	Mass Production	205						√	√*1					√	*1: ARM 19 or above	√		ARM 19 or above
SMT-US	Mass Production	745							√*1						*1: ARM 05 or above	√		√
LV SMT-US	Mass Production	745							√*1						*1: ARM 05 or above	√		√
SMT 75/80K	Mass Production	745							√							x		x
GT	Early Sales	745							√							√		ARM 03 or above

Note: HK1000 is only used for load monitoring, RS485 communication between inverter and meter is forbidden.

**Notice**

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