GOODWE
SOLAR ACADEMY

TECHNICAL
DOCUMENT

Compatibility list of GoodWe inverters and IoT products

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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 4. HEMS 5. RSD

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	4G Kit-G20（EU）	BLUETOOTH KIT	LAN BOX	LAN KIT	WIFI/LAN KIT	WIFI/LAN Kit-20	WIFI/LAN Kit-20 (Cyber Security Version)	WIFI Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN	USB	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB	USB	
			Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	
ESA	Phase Out	105	√															
ES	Phase Out	105	√	√									√*1					*1ARM 19 or above;
BP	Phase Out	105	√								√*1							*1ARM 13 or above;
EM	Phase Out	105	√								√*1							*1ARM 13 or above;
SBP	Phase Out	105	√								√*1							*1ARM 13 or above;
ET(5~10K)	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			*1ARM 20 or above; *2ARM 20 or above; Only T-mobile/simpoint/1nce for Net herlors, and monthly traffic must be 250Mb or above *3ARM 20 or above; OnlyTelstra/Optus, and monthly traffi c must be 250Mb or above *4ARM 12 or above; *5ARM 25 or above; *6.ARM 30 or above;
ET(5~10K) PLUS	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			
BT(5~10K)	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			
EH	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			
EH PLUS	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			
BH	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			
AES	Mass Production	205		√		√*3				√*1			√*2					*1ARM 12 or above; *2ARM 25 or above; *3ARM 20 or above;
ABP	Mass Production	205		√		√*3				√*1			√*2					*1ARM 12 or above; *2ARM 25 or above; *3ARM 20 or above;
EHB	Mass Production	205		√		√*2	√*3			√*4			√*5		√*6			*1ARM 20 or above; *2ARM 20 or above; Only T-mobile/simpoint/1nce for Net herlors, and monthly traffic must be 250Mb or above *3ARM 20 or above; OnlyTelstra/Optus, and monthly traffi c must be 250Mb or above *4ARM 12 or above; *5ARM 25 or above; *6.ARM 30 or above;
ES G2	Mass Production	745		√	√*1			√*6	√*7				√*2	√*3	√*5		√*8	*1ARM 07 or above; *2ARM 02 or above; *3ARM 08 or above; WiFi Kit-20&WIFI/LAN kit-20 Non-Cyber Security Version 04 or above *4Only support 4G CN Version *5ARM 08 or above; , WiFi Kit-20&WIFI/LAN kit-20 Cyber Security Version 01 or above,EZLINK V1.6.8 or above *6ARM 08 or above; *7ARM 08 or above; *8ARM 07 or above; ,Ezlink 02 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	4G Kit-G20（EU）	BLUETOOTH KIT	LAN BOX	LAN KIT	WIFI/LAN KIT	WIFI/LAN Kit-20	WIFI/LAN Kit-20 (Cyber Security Version)	WIFI Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN	USB	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB	USB	
			Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	
SBP G2	Mass Production	745		√	√ *1				√ *6				√ *2	√ *3	√ *5			*1ARM 07 or above； *2ARM 02 or above； *3ARM 08 or above；WiFi Kit-20&WIFI/LAN kit-20 Non-Cyber Security Version 04 or above *4Only support 4G CN Version *5ARM 08 or above；WiFi Kit-20&WIFI/LAN kit-20 Cyber Security Version 01 or above *6.ARM 08 or above； *7ARM 08 or above；Ezlink 04 or above
ET (15~30K) ETT	Mass Production	745		√	√ *1				√ *6				√ *2	√ *3	√ *5		√ *7	
ET G2(6~15K)	Mass Production	745							√					√ *2	√ *3		√ *4	*1 Only support 4G CN Version *2 WiFi Kit-20&WIFI/LAN kit-20 Non-Cyber Security Version 04 or above *3WIFI/LAN kit-20 Cyber Security Version 01 or above *4ARM08 or above, Ezlink 04 or above
ES-US20	Mass Production	745																
SBP-US20	Mass Production	745																
ES uniq	Mass Production	745							√ *4					√ *1	√ *3		√ *5	*1ARM 08 or above； *1ARM 08 or above； *3.ARM 08 or above； *4.ARM 08 or above； *5ARM 08 or above；Ezlink 03 or above；
ET (25~50K) ETF	Mass Production	745							√ *4					√ *1	√ *3			*1ARM 09 or above；，WIFI/LAN kit-20 Non-Cyber Security Version 03 or above *2Only support 4G CN Version *3ARM 09 or above； WiFi Kit-20，WIFI/LAN kit-20 Non-Cyber Security Version 02 or above WIFI/LAN kit-20 Cyber Security Version 00 or above EZLINK V1.5.4 or above *4.ARM 09 or above；
ET LV	Mass Production	745							√ *1						√			*1.ARM 01 or above；
ESA 3~10K	Mass Production	745							√ *1						√*2			*1.4G 2.0, 02 or above； *2 WIFI/LAN 2.0 , 03 or above ；
ESA 5~30K	Mass Production	745							√ *1						√*2			*1.4G 2.0, 03 or above； *2 WIFI/LAN 2.0 , 07 or above ；
ES LD	Mass Production	745													√			
ET100	Mass Production	745													√			
GW125/261-ESA-LCN-G10 ESA261	Mass Production	745															√	DSP：master:410-04077-02(29) DSP：slave：410-04078-01(06) Control board:410-02193-01(14)Dual network ports / 410-02174-01(14) Single network port SEC3000C 03 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	4G Kit-G20（EU）	BLUETOOTH KIT	LAN BOX	LAN KIT	WIFI/LAN KIT	WIFI/LAN Kit-20	WIFI/LAN Kit-20 (Cyber Security Version)	WIFI Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN	USB	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB	USB	
			Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	
GW125/261-ESA-LCN-G11 ESA261	Mass Production	745															√	ARM：410-02113-11 DSP：410-04073-04 Control board:410-02193-01(14)Dual network ports SEC3000C 03 or above
XS G1/XS PLUS+	Mass Production	305*1		√*1		√*1				√*1		√*1	√*1					*1ARM 50 or above；
	Mass Production	105		√*1		√*3				√*2		√*3	√*3					*1ARM 04 or above； *2ARM 14 or above； *3ARM 15 or above；
XS G3	Mass Production	425/745		√	√	√*2			√*4				√	√*3	√*4			*1Only support 4G CN Version *2 ARM 15 or above； *3WiFi Kit-20&WIFI/LAN kit-20 Non-Cyber Security Version 04 or above；ARM 01 or above *4WiFi Kit-20&WIFI/LAN kit-20 Cyber Security Version 01 or above ；ARM 01 or above *5ARM 01 or above
DNS	Mass Production	105		√*1		√*3				√*2		√*3	√*3					*1ARM 04 or above； *2ARM 14 or above； *3ARM 15 or above；
	Mass Production	305*1		√*1		√*1				√*1		√*1	√*1					*1ARM 50 or above；
DNS G3	Mass Production	425		√	√*1	√*3	√*2		√*5	√			√*4	√*1	√*1			*1ARM 03 or above；WIFI/LAN kit-20 Non-Cyber Security Version 04 or above,WIFI/LAN kit-20Cyber Security Version 01 or above *2ARM 06 or above； *3ARM 06 or above； *4 ARM 03 or above； *5ARM 03 or above；
MS	Mass Production	305		√*1		√*1			√	√*1		√*1	√*1					*1ARM 50 or above；
MS G3 & MS G3.1	Mass Production	425		√	√*1	√*3	√*2		√*4	√				√*1	√*1			*1ARM 03 or above；,WIFI/LAN kit-20 Non-Cyber Security Version 04 or above,WIFI/LAN kit-20Cyber Security WIFI/LAN kit-20 Non-Cyber Security Version 04 or above,WIFI/LAN kit-20Cyber Security *2ARM 06 or above；. *3ARM 06 or above； *4ARM 03 or above；
MS G3 US	Mass Production	745		√*2	√*1			√*2		√*2			√*2	√*1	√*1		√*1	*1ARM 04 or above；WIFI/LAN kit-20 Non-Cyber Security Version 04 or above,WIFI/LAN kit-20 Cyber Security;Ezlink 01 or above（only for single machine） *2ARM 05 or above；
SDT G2 PLUS+ 4-6kw	Mass Production	205		√		√*1				√*1		√	√		√*3			*1ARM 09 or above； *2ARM 14 or above； *3 ARM with Stchip：24 or above，GD chip：60 or above
SDT G2 25kw	Mass Production	405*1		√*1		√*1				√*1		√*1	√*1		√*2			*1ARM 50 or above； *2ARM with Stchip：24 or above，GD chip：60 or above
SDT G2 AU	Mass Production	405*1		√*1		√*1				√*1		√*1	√*1		√*2			*1ARM 50 or above； *2ARM with Stchip：24 or above，GD chip：60 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	4G Kit-G20（EU）	BLUETOOTH KIT	LAN BOX	LAN KIT	WIFI/LAN KIT	WIFI/LAN Kit-20	WIFI/LAN Kit-20 (Cyber Security Version)	WIFI Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN	USB	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB	USB	
			Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	
SDT G2 PLUS+ 8-20kw	Mass Production	205		√		√*1				√*1		√	√		√*3			*1ARM 09 or above; *2ARM 14 or above; *3 ARM with Stchip：24 or above，GD chip：60 or above
SDT G2.5 8-25kw	Mass Production	405*1		√*1		√*1				√*1		√*1	√*1		√*2			*1ARM 50 or above; *2ARM with Stchip：24 or above，GD chip：60 or above
DNS G4	Mass Production	425/745							√						√	√	√	EZLINK Module V1.6.8 or above
MS G4	Mass Production	425/745							√						√	√	√	EZLINK Module V1.6.8 or above
SDT G3 5-29.9kw AU															√	√	√	
SDT G3 25/30kw EU 3MPPT									√						√	√	√	
SDT G3 4-30kw & 12/17KLV 2MPPT SDT G3.1 20/25kw & 12KLV BR	Mass Production	425/745			√				√*2					√*2	√*2			*1Only support 4G CN Version; *2 ARM 04 or above；WIFI/LAN kit-20 Cyber Security 01 or above;
SDT G3 33-40kW SDT G3 23KLV	Mass Production	425/745			√				√*2					√*2	√*2			*1Only support 4G CN Version; *2 ARM 04 or above；WIFI/LAN kit-20 Cyber Security 01 or above;
SDT G3 40kW	Mass Production	425/745			√				√*2	√				√*2	√*2			*1Only support 4G CN Version; *2 ARM 06 or above；WIFI/LAN kit-20 Cyber Security 01 or above;
SDT G3 50kW SDT G3 30KLV	Mass Production	425/745			√				√*2					√*2	√*2			*2ARM 01 or above
MT	Phase Out	105	√	√*1						√*3		√*4	√*4					*1ARM 04 or above; *3ARM 14 or above; *4ARM 15 or above;
		305*1	√	√						√		√	√					
MT G2	Phase Out	105	√	√*1						√*3		√*4	√*4					
		305*1	√	√						√		√	√					
UT	Mass Production	745							√*1	√				√*2	√*2			*1 Compatibility with4G 2.0 ARM 04 or above；DSP 05 or above *2 Compatibility withWIFI/LAN 2.0 ARM 05 or above
HT（1100V）	Phase Out	753		√						√							√*2	*1Compatibility with 4G CN version，ARM 04 or above; *2Compatibility with Ezlink ARM 16 or above Ezlink 04 or above
HT（1500V）	Mass Production	753		√					√3	√					√3			*1Compatibility with 4G CN version，ARM 04 or above; *2Compatibility with Ezlink，ARM 16 or above *3Compatibility with 4G 2.0, ARM 18 or above；DSP 18 or above Ezlink 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	4G Kit-G20（EU）	BLUETOOTH KIT	LAN BOX	LAN KIT	WIFI/LAN KIT	WIFI/LAN Kit-20	WIFI/LAN Kit-20 (Cyber Security Version)	WIFI Kit-20 (Cyber Security Version)	Ezlink3000	
			5PIN	USB	USB	USB	USB	USB	USB	USB	5PIN	USB	USB	USB	USB	USB	USB	
			Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Phase out	Mass Production	Mass Production	Mass Production	
EO	Phase Out	407												√	√			The ARM version is an independent version for devices and is not universal
SMT 25-36K	Phase Out	205		√						√*1			√*2		√*3	√*3		*1ARM 09 or above; *2ARM 12 or above; *3ARM 22 or above
SMT 40K	Phase Out	205		√						√*1			√*2		√*3	√*3		*1ARM 09 or above; *2ARM 12 or above; *3ARM 22 or above
SMT 50-60K	Phase Out	205		√						√*1			√*2		√*3	√*3		*1ARM 09 or above; *2ARM 12 or above; *3ARM 22 or above
SMT 50-60K (EMEA 4110	Mass Production	205		√						√*1			√*2					*1ARM 09 or above; *2ARM 12 or above;
SMT 50-60K Korea	Mass Production	205		√						√*1			√*2					*1ARM 09 or above; *2ARM 12 or above;
SMT 40K JP	Mass Production	205								√*1								*1ARM 00 or above;
SMT 50K JP	Mass Production	205								√*1								*1ARM 01 or above;
SMT 12/15/20KLV BR	Phase Out	205		√						√*1			√*2		√*3	√*3		*1ARM 09 or above; *2ARM 12 or above; *3ARM 22 or above
SMT 30/35KLV BR	Mass Production	205		√						√*1			√*2		√*3	√*3		*1ARM 09 or above; *2ARM 12 or above; *3ARM 22 or above
SMT 50/60-US	Mass Production	745		√				√		√			√		√*1			*1ARM 07 or above;
SMT 22-28LV-US	Mass Production	745						√		√			√	√	√*1			*1ARM 07 or above;
SMT 75/80K	Mass Production	745							√*1					√		√*2	√	*1ARM 02 or above; *2ARM 00 or above ;
SMT 50KLV BR	Mass Production	745														√*1	√	*1ARM 03 or above ;
MT 60K G2/ 35-37.5KLV G2	Mass Production	745													√*2	√*2	√	*2WIFI lan kit 2.0 /WiFi kit 2.0 Cyber Security Version 01 or above
GT100-125	Mass Production	745							√	√				√	√*1		√	*1ARM 02 or above;
GT110/125K Korea	Mass Production	745								√				√				
GT75KLV Brazil	Mass Production	745								√				√		√*1	√	*1ARM 02 or above;
GT150K	Mass Production	745													√	√*1	√	*1ARM 00 or above; Ezlink V1.7.3 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 Meter															Firmware Version Requirement（No remark means no version requirement）	Power limitation (only for systems wth one inverter)	Load monitoring
			CT90	CT120	GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	GMK330	HK1000	HK3000			
			/	/	1CT	2CT	1CT	2CT	3CT	/	/	2CT-NAM	4CT NAM	3CT (200A:50mA)	3CT (120A:40mA)	2CT	3CT			
			Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production			
ESA	Phase Out	105			√*1				√*1									*1: ARM 13 or above	√	√
ES	Phase Out	105			√*1				√*1									*1: ARM 13 or above	√	√
BP	Phase Out	105			√*1													*1: ARM 13 or above	√	√
EM	Phase Out	105			√*1				√*1									* 1: ARM 13 or above	√	√
SBP	Phase Out	105			√*1	√*1			√*1									* 1: ARM 13 or above	√	√
ET（5~10K）	Mass Production	205							√		√*1				√			* 1: ARM 31 or above	√	√
ET（5~10K) PLUS	Mass Production	205							√		√*1				√			* 1: ARM 31 or above	√	√
BT（5~10K）	Mass Production	205							√		√*1				√			* 1: ARM 31 or above	√	√
EH	Mass Production	205			√	√	√*1		√						√			* 1: ARM 30 or above	√	√
EH PLUS	Mass Production	205			√	√	√*1		√						√			* 1: ARM 30 or above	√	√
BH	Mass Production	205			√	√	√*1		√						√			* 1: ARM 30 or above	√	√
AES	Mass Production	205				√*1						√*1	√*1					*1: ARM 17 or above	√	√
ABP	Mass Production	205				√*1						√*1	√*1					*1: ARM 17 or above	√	√
EHB	Mass Production	205			√*1		√*2	√*2	√		√			√	√			*1: ARM 17 or above *2: ARM 30 or above	√	√
ES G2	Mass Production	745			√		√*1	√*2	√		√				√			*1: ARM 01 or above *2: ARM 01 or above *3: parallel sysytem	√	√
SBP G2	Mass Production	745			√	√	√*1	√*2							√			*1: ARM 01 or above	√	√
ET (15~30K) ETT	Mass Production	745							√		√*1			√	√			*1: ARM 07 or above	√	√
ET G2 (6~15K)	Mass Production	745	√						√		√			√	√*1			*1: ARM 06 or above	√	√
ES uinq	Mass Production	745		√			√*1				√*1				√			*1: ARM 08 or above	√	√
ES-US20	Mass Production	745										√	√						√	√
SBP-US20	Mass Production	745										√	√						√	√
ET (25~50K) ETF	Mass Production	745							√*1		√*2							*1: ARM 09 or above *2: ARM 09 or above (Parallel needs ARM 10 or above)	√	√
ET LV	Mass Production	745		√							√			√	√					
ESA 3~10K	Mass Production	745		√			√				√			√	√					
ESA 5~30K	Mass Production	745		√							√				√					
ES LD	Mass Production	745		√							√			√	√					

Model	Status	ARM Platform	Smart Meter															Firmware Version Requirement（No remark means no version requirement）	Power limitation (only for systems wth one inverter)	Load monitoring
			CT90	CT120	GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	GMK330	HK1000	HK3000			
			/	/	1CT	2CT	1CT	2CT	3CT	/	/	2CT-NAM	4CT NAM	3CT (200A:50mA)	3CT (120A:40mA)	2CT	3CT			
			Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production			
ET100	Mass Production	745									√								√	√
GW125/261-ESA-LCN-G10 ESA261	Mass Production	745																		
GW125/261-ESA-LCN-G11 ESA261	Mass Production	745																		
XS G1/XS PLUS+	Phase Out	305*1			√											√*1		*1: ARM 50 or above	√	×
	Phase Out	105			√											√*1		*1: ARM 50 or above	√	×
XS G3	Mass Production	425/745	√*3		√		√		√*1					√	√	√*1		*1: ARM 01 or above	√	√
DNS	Phase Out	105			√											√			√	×
	Phase Out	305*1			√											√*1		*1: ARM 50 or above	√	×
DNS G3	Phase Out	425	√		√*1		√*1		√*2					√	√	√*2		*1: ARM 03 or above *2: ARM 06 or above	ARM 05 or above	ARM 05 or above
MS	Phase Out	305			√											√*1			√	×
MS G3 & MS G3.1	Phase Out	425	√		√*1		√*1		√*2					√	√	√*3		*1: ARM 03 or above *2: ARM 06 or above	ARM 03 or above	ARM 03 or above
MS G3 US	Mass Production	745	√									√*1	√			√*2		*1: ARM 05 or above	ARM 05 or above	ARM 05 or above
DNS G4	Mass Production	425/745	√		√*1		√				√			√	√				√	√
MS G4	Mass Production	425/745	√		√*1		√				√			√	√				√	√
SDT G2 PLUS+ 4-6kw	Phase Out	205							√								√*1	*1: ARM 50 or above	√	×
SDT G2 25kw	Phase Out	405*1							√								√*1			
SDT G2 AU	Phase Out	405*1							√								√*1	*1: ARM 50 or above	√	×
SDT G2 PLUS+ 8-20kw	Phase Out	205							√								√*1	*1: ARM 50 or above	√	×
SDT G2.5 8-25kw	Phase Out	405*1							√								√*1	*1: ARM 50 or above	√	×
SDT G3 5-29.9kw	Mass Production	425/745									√			√	√					
SDT G3 25/30kw EU 3MPPT	Mass Production	425/745									√			√	√					
SDT G3 4-30kw & 12/17KLV 2MPPT SDT G3.1 20/25kw & 12KLV BR	Mass Production	425/745							√		√			√	√		√*1	*1: Power limitation function doesn't need network configuration for HK3000	√	√(Need AC power supply)
SDT G3 33-40kW SDT G3 23KLV	Mass Production	425/745							√		√			√	√		√*1		√	√(Need AC power supply)
SDT G3 40kW	Mass Production	425/745									√			√	√				√	√
SDT G3 50kW SDT G3 30KLV	Mass Production	425/745									√			√	√		√			
MT	Phase Out	105							√*1	√*1					√			*2: ARM 14 or above	√	×
		305							√	√										
MT G2	Phase Out	105							√*1	√*1								*2: ARM 14 or above	√	×
		305							√	√								*2: ARM 14 or above	√	×
UT	Mass Production	745																		Use Acrel Meter (DSP 04 or above, CPLD 01 or above)
HT（1100V）	Mass Production	753								√	√			√*1				*1.Power limitation function:ARM 17or above，DSP 19 or above	Special model is supported	Special model is supported

Model	Status	ARM Platform	Smart Meter															Firmware Version Requirement（No remark means no version requirement）	Power limitation (only for systems wth one inverter)	Load monitoring
			CT90	CT120	GM1000	GM1000D	GMK110	GMK110D	GM3000	GM3000C	GM330	GMK120	GMK140	GMK330	GMK330	HK1000	HK3000			
			/	/	1CT	2CT	1CT	2CT	3CT	/	/	2CT-NAM	4CT NAM	3CT (200A:50mA)	3CT (120A:40mA)	2CT	3CT			
			Mass Production	Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production	Phase Out	Mass Production	Mass Production	Mass Production	Phase Out	Mass Production			
HT（1500V）	Mass Production	753																DSP 17 or above		
ETC/BTC	Mass Production	753								√	√								√	√
SMT 25-36K	Phase Out	205									√*1						√	*1ARM 19 or above	√	ARM 19 or above
SMT 40K	Phase Out	205									√*1						√	*1ARM 19 or above	√	ARM 19 or above
SMT 50-60K	Phase Out	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
MT 50-60K (EMEA 411	Mass Production	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 50-60K Korea	Mass Production	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 40K JP	Mass Production	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 50K JP	Mass Production	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 12/15/20KLV BR	Phase Out	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 30/35KLV BR	Mass Production	205								√*2	√*1						√	*1ARM 19 or above *2ARM 23 or above	√	ARM 19 or above
SMT 50/60-US	Mass Production	745									√*1							*1: ARM 05 or above	√	√
SMT 22-28LV-US	Mass Production	745									√							*1: ARM 05 or above	√	√
SMT 75/80K	Mass Production	745									√								ARM 02 or above	ARM 02 or above
SMT 50KLV BR	Mass Production	745									√									
SMT 60K G2/ 35-37.5KLV G2	Mass Production	745									√									
GT100-125K	Mass Production	745									√								ARM 03 or above	ARM 03 or above
GT110/125K Korea	Mass Production	745									√								ARM 05 or above	ARM 05 or above
GT75KLV Brazil	Mass Production	745									√								ARM 05 or above	ARM 05 or above
GT150K	Mass Production	745									√									
MIA1.6K/1.8K/2k	Mass Production	ESP32					√*1													

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

Except for ET50 / ET100 / ESA261, which cannot be Parallel together, all the machines marked with "√" can be Parallel together

Model	Status	ARM Platform	Data Logger and communication box												ARM Version Requirement（No remark means no version requirement）
			Ezlogger3000R	Ezlogger Pro	SEC1000	SEC1000S	SCU3000A	SCU3000	Ezlogger3000U-A	Ezlogger3000U	Ezlogger3000C	SEC3000	SEC3000C	EzManager3000	
					Ezlogger Pro+GM3000	Ezlogger Pro+GM3000					Only 485, No PLC	EzLogger3000C+GM 330	EzLogger3000C+GM330		
			Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	
ET&ET plus（10K）	Mass Production	205				√*1									*1ARM 09 or above
ES G2	Mass Production	745												√*1	*1ARM 16 or above ; DSP 04 or above; EZ manager v01
ET G2（6-15K）	Mass Production	745												√*1	*1ARM 13 or above ; DSP 12 or above; EZ manager v01
ET（15-30K） ETT	Mass Production	745												√*1	*1ARM 16 or above ; DSP 12 or above; EZ manager v01
ET（25-50K） ETF	Mass Production	745											√*3		*3ARM 11.475 , DSP 3.327 (Mix parallel) *For JP market, ARM 12.477,DSP 1.102, can't mix parellel, *For global, Can't parellel with ET100 and ESA261
ET100													√*3		*3 ARM: 410-02189-01 DSP：master:410-04086-01 DSP：slave：410-04084-01 *For global, Can't parellel with ET50 and ESA261
ETR125															
GW125/261-ESA-LCN-G10 ESA261	Mass Production	745											√*3		*3 ARM：LC：410-02134-01(66) DSP：master:410-04077-02(29) DSP：slave：410-04078-01(06) Control board:410-02193-01(14)Dual network ports、410-02174-01(14) Single network port *For global, Can't parellel with ET50 and ESA261
GW125/261-ESA-LCN-G11 ESA261	Mass Production	745											√*3		*3 ARM：410-02113-11 DSP：410-04073-04 Control board:410-02193-01(14)Dual network ports *For global, Can't parellel with ET50 and ESA261
ESA 3~10K	Mass Production	745												√*1	1* ARM≥05，DSP≥06, BMS≥06，DCDC≥08 DSP:410-04082-06(6028) ARM: 410-02169-05(133) BMS: 410-02167-06(bms-v06.04) DCDC: 410-04081-08(8004) DCDC-08 must be bound with BMS-06 or a higher version.

Model	Status	ARM Platform	Data Logger and communication box												ARM Version Requirement（No remark means no version requirement）
			Ezlogger3000R	Ezlogger Pro	SEC1000	SEC1000S	SCU3000A	SCU3000	Ezlogger3000U-A	Ezlogger3000U	Ezlogger3000C	SEC3000	SEC3000C	EzManager3000	
					Ezlogger Pro+GM3000	Ezlogger Pro+GM3000					Only 485, No PLC	EzLogger3000C+GM 330	EzLogger3000C+GM330		
			Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	
ESA 5~30K	Mass Production	745												√*1	*1 ARM≥03, DSP≥01; BMS≥06, DCDC≥08; DCDC-08 must be bound to BMS-06 or above versions. It cannot be upgraded to BMS-06 alone or DCDC-08 alone. BMS: 410-02167-06, DCDC: 410-04081-08
XS G1/XS PLUS+	Mass Production	105		√*1	√*1									√*2	*1ARM 50 or above *2 DSP≥59; ARM:GD chip≥56
	Mass Production	305*1		√	√									√*2	*2 DSP≥59，ARM: ST chip≥25（<50）
XS G3	Mass Production	425		√*2	√*2										*2DSP 07 or above
DNS	Mass Production	105		√	√									√*2	*2 DSP≥17，ARM：GD chip ≥56
	Mass Production	305*1		√*1	√*1									√*2	*1ARM 50 or above *2 DSP≥17，ARM：ST chip≥25（<50）
DNS G3	Mass Production	425		√*2	√*2										*2DSP 07 or above
MS	Mass Production	305		√*1	√*1									√*2	*1ARM 50 or above *2 for GD32F305RET6 platform：DSP≥53，ARM：ST≥25（<50），GD chip≥56；for STM32F105RCT6 platform，DSP≥17，ARM：ST chip ≥25（<50）
MS G3 & MS G3.1	Phase Out	425													
MS G3 US	Mass Production	745													
DNS G4	Mass Production	425/745													
MS G4	Mass Production	425/745													
SDT G2 PLUS+ 4-6kw	Mass Production	205		√*1	√*1						√*2	√*2	√*3	√*3	*1ARM 13 or above *2ARM 23 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G2 25kw	Mass Production	405*1		√*1	√*1						√*2	√*2	√*3	√*3	*1ARM 50 or above *2ARM 23 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G2 AU	Mass Production	425		√*1	√*1						√*2	√*2	√*3	√*3	*1ARM 50 or above *2ARM 23 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G2 PLUS+ 8-20kw	Mass Production	205		√*1	√*1						√*2	√*2	√*3	√*3	*1ARM 13 or above *2ARM 23 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above

Model	Status	ARM Platform	Data Logger and communication box												ARM Version Requirement（No remark means no version requirement）
			Ezlogger3000R	Ezlogger Pro	SEC1000	SEC1000S	SCU3000A	SCU3000	Ezlogger3000U-A	Ezlogger3000U	Ezlogger3000C	SEC3000	SEC3000C	EzManager3000	
					Ezlogger Pro+GM3000	Ezlogger Pro+GM3000					Only 485, No PLC	EzLogger3000C+GM330	EzLogger3000C+GM330		
			Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	
SDT G2.5 8-25kw	Phase Out	405*1		√*1	√*1						√*2	√*2	√*3	√*3	*1ARM 50 or above *2ARM 23 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G3 5-29.9kw AU											√	√	√*3		*3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G3 25/30kw EU 3MPPT											√	√	√*3		*3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G3 4-30kw & 12/17KLV 2MPPT SDT G3.1 20/25kw & 12KLV BR(2MPPT)	Mass Production	425/745		√*1	√*1						√*2	√*2	√*3		*1ARM 03 or above *2ARM 04 or above Logger 00 or above DSP 02 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G3 33-40kW SDT G3 23KLV	Mass Production	425/745		√*1	√*1						√*2	√*2	√*3		*1ARM 03 or above *2ARM 05 or above Logger 03 or above *3 ARM 60 or above for GD chip; ARM 24 or above for ST chip; DSP 23 or above
SDT G3 40kW	Mass Production	425/745			√*1						√*2	√*2	√*3		*1 ARM 03 or above *2ARM 05 or above Logger 03 or above
SDT G3 50kW SDT G3 30KLV	Mass Production	425/745									√*2	√*1	√*3		*1 ARM 00 or above Logger 03 or above *3 ARM 410-02147-00 or 410-02146-00，DSP 410-03113-00 (mix parallel)
SDT G4 15-33K	Mass Production	425/745									√*2	√*1			EzLogger3000C&SEC3000 06 or above
MT	Phase Out	105		√*1	√*1										*1ARM:ST>12 GD>50
MT G2	Phase Out	305		√*1	√*1						√*2	√*2			
UT（HPLC）	Mass Production	745				√（HPLC+485）			√（HPLC+485）			√*3			HPLC 01 or above *2ARM 00 or above EzLogger3000C 00 or above SCU3000A/EzLogger3000U-A 01 or above DSP 00 or above

Model	Status	ARM Platform	Data Logger and communication box												ARM Version Requirement（No remark means no version requirement）
			Ezlogger3000R	Ezlogger Pro	SEC1000	SEC1000S	SCU3000A	SCU3000	Ezlogger3000U-A	Ezlogger3000U	Ezlogger3000C	SEC3000	SEC3000C	EzManager3000	
					Ezlogger Pro+GM3000	Ezlogger Pro+GM3000					Only 485, No PLC	EzLogger3000C+GM330	EzLogger3000C+GM330		
			Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	
HT（1100V）	Mass Production	753		√*1	√*1		NA	√（PLC+485）		√（PLC+485）	√*2	√*3	√*3		*1ARM 16 or above；HPLC 01 or above *2ARM 17 or above EzLogger3000C 00 or above SCB3000 04 or above DSP 12 or above *3ARM 410-02008-16， DSP 410-03055-18；SEC3000C 04 support mix parallel
HT（1500V）	Mass Production	753					√（HPLC+485）	√（PLC+485）	√（HPLC+485）	√（PLC+485）		√*2			HPLC 01or above *2ARM 17 or above SCB3000 04 or above EzLogger3000C 00 or above SCU3000/Ezlogger3000U 01 or above SCU3000-A/Ezlogger3000U-A 02 or above DSP 12 or above
SMT 25-36K	Mass Production	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 21 or above EzLogger3000C 02 or above
SMT 40K（CN）	Phase Out	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 21 or above EzLogger3000C 02 or above
SMT 40K（JP）	Mass Production	205									√*2	√*2	√*3		*2ARM 21 or above EzLogger3000C 02 or above
SMT50K (JP)											√*2	√*2	√*3		
SMT 50-60K	Phase Out	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 21 or above EzLogger3000C 02 or above *3ARM 410-02038-21， DSP 410-03059-09； support mix parallel for overseas market；410-03105-10 support mix parallel for Chinesemarket
SMT 50-60K (EMEA 4110)	Mass Production	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 13 or above EzLogger3000C 04 or above
SMT 50-60K Korea	Mass Production	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 21 or above EzLogger3000C 02 or above *3ARM 410-02038-21， DSP 410-03059-09； support mix parallel for overseas market；410-03105-10 support mix parallel for Chinesemarket, SEC3000C 04 or above
SMT 40K JP	Mass Production	205									√*2	√*2	√*3		*2ARM 21 or above EzLogger3000C 04 or above
SMT 50K JP	Mass Production	205									√*2	√*2	√*3		*2ARM 01 or above EzLogger3000C 04 or above
SMT 12/15/20KLV BR	Phase Out	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 13 or above EzLogger3000C 04 or above *3ARM 410-02019-07, DSP 410-03067-05, support mix parallel SEC3000C 04 or above

Model	Status	ARM Platform	Data Logger and communication box												ARM Version Requirement（No remark means no version requirement）
			Ezlogger3000R	Ezlogger Pro	SEC1000	SEC1000S	SCU3000A	SCU3000	Ezlogger3000U-A	Ezlogger3000U	Ezlogger3000C	SEC3000	SEC3000C	EzManager3000	
					Ezlogger Pro+GM3000	Ezlogger Pro+GM3000					Only 485, No PLC	EzLogger3000C+GM330	EzLogger3000C+GM330		
			Mass Production	Phase Out	Phase Out	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	Mass Production	
SMT 30/35KLV BR	Mass Production	205		√*1	√*1						√*2	√*2	√*3		*1ARM 13 or above *2ARM 13 or above
SMT 50-60 US	Mass Production	745		√*1							√*2	√*2	√*3		*1ARM 07or above *2ARM 07or above EzLogger3000C 04 or above *3ARM 410-02019-07, DSP 410-03067-05, support mix parallel SEC3000C 03 or above
LV SMT-US	Mass Production	745									√*2	√*2	√*3		*2ARM 07or above EzLogger3000C 04 or above *3ARM 410-02019-07, DSP 410-03067-05, support mix parallel SEC3000C 04 or above
SMT 75/80K	Mass Production	745		√*3	√*1						√*2	√*2	√*3		*1ARM 02 or above *2ARM 02 or above EzLogger3000C 08 or above *3ARM 02 or above Ezlogger Pro 20 or above
SMT 50KLV BR	Mass Production	745		√*3	√*1						√*2	√*2	√*3		*1ARM 02 or above *2ARM 02 or above EzLogger3000C 03 or above *3ARM 02 or above Ezlogger Pro 20 or above
SMT 60K G2/ 35-37.5KLV G2	Mass Production	745									√*2	√*2	√*3		*2ARM 00 or above EzLogger3000C 03 or above *3ARM 00 or above；DSP 00 or above;support mix parallel SEC3000C 03 or above
GT 100/125K	Mass Production	745		√*1	√*1						√*2	√*3	√*3		*1ARM 03 or above *2ARM 03 or above EzLogger3000C 00 or above *3ARM 410-02019-03, DSP 410-03094-04, support mix parallel SEC3000C 04 or above
GT 110/125K KR	Mass Production	745									√*2	√*2	√*3		*2ARM 05 or above EzLogger3000C 04 or above *3ARM 410-02019-04, DSP 410-03094-05, support mix parallel SEC3000C 04 or above
GT 75KLV BR	Mass Production	745									√*2	√*2			*2ARM 05 or above EzLogger3000C 04 or above
GT150K	Mass Production	745									√*2	√*2	√*2		*1ARM 01or above Ezlink3000 06 or above *2ARM 01 or above Ezlogger3000C 07 or above
GT JP	Mass Production	745									√*2	√*2			*2ARM 05 or above EzLogger3000C 04 or above
GT G2	Mass Production	745													
MIA1.6K/1.8K/2k	Mass Production	ESP32	√*1												*1ARM 01 or above

HEMS

Model		Parallel operation combination & Quantity	Ezmanager3000	WIFI/LAN Kit-20 (Cyber Security Version)	Firmware Version Requirement（No remark means no version requirement）	Mark
ET (15~30K) ETT	Three-phase parallel : 1+1	*1	√	√	Inverter： DSP≥12 ARM≥16 Eznamanager≥00 WIFILAN 2.0 Module（Cyber Security version）≥05	
SDT G2		*1			Inverter： ARM≥60（GD Chip）、≥24（ST Chip） DSP≥23	
ET G2	Three-phase parallel : 1+1	*1	√	√	Inverter： DSP≥04 ARM≥16 Eznamanager≥00 WIFILAN 2.0 Module（Cyber Security version）≥05	
SDT G2		*1			Inverter： ARM≥60（GD Chip）、≥24（ST Chip） DSP≥23	
ES G2	Single-phase parallel : 1+1	*1	√	√	Inverter： DSP: ≥12 ARM:≥13 Eznamanager≥00 WIFILAN 2.0 Module（Cyber Security version）≥05	
MS G1		*1			Inverter（Temporary version, not for official release, provided for special post-sale control）： DSP：≥17 ARM：ST chip，410-02033，≥26；GD chip，410-02018，≥57；	

Model		Parallel operation combination & Quantity	Ezmanager3000	WIFI/LAN Kit-20 (Cyber Security Version)	Firmware Version Requirement（No remark means no version requirement）	Mark
ES G2	Single-phase parallel : 1+1	*1	√	√	Inverter： DSP:≥12 ARM:13 Eznamanager≥00 WIFILAN 2.0 Module（Cyber Security version）≥05	
DNS G1		*1			Inverter（Temporary version, not for official release, provided for special post-sale control）： DSP≥51 ARM： ST chip，410-02033-，≥26； GD chip，410-02018，≥57；	
ES G2	Single-phase parallel : 1+1	*1	√	√	Inverter： DSP≥12; ARM≥13; Eznamanager≥00; WIFILAN 2.0 Module（Cyber Security version）≥05	
XS G1		*1			Inverter（Temporary version, not for official release, provided for special post-sale control）： DSP≥58 ARM： ST Chip，410-02033-，≥26； GD Chip，410-02018，≥57；	
HCA G2		*2	√		ARM: ≥05（410-02123-05(373)OL-T) Eznamanager≥03	

Model		Parallel operation combination & Quantity	Ezmanager3000	WIFI/LAN Kit-20 (Cyber Security Version)	Firmware Version Requirement（No remark means no version requirement）	Mark
ESA3-10K	Single-phase parallel : 4+4	4	√	√	（Temporary version）DSP:410-04082-05(5118)Master_OL_R	
MS G3		1	√	√	(Temporary version）DSP:410-01021-11-master(11112) Official version (end of July): DSP12 , ARM:14 EzManager：03	
XS G3		2	√	√	（Temporary version）DSP:410-01021-11-master(11112) Official version (end of July) DSP12; ARM:14 EzManager：03	
DNS G3		1	√	√	（Temporary version）DSP:410-01021-11-master(11112) Official version (end of July) DSP12; ARM:14 EzManager：03	

Rapid Shutdown Device

RSD includes two parts, transmitter and receiver.Space for the built-in transmitter is available, but it’s not standard. Actual configuration follows the delivered product.

Model	Status	ARM Platform	Rapid Shutdown Device (optional built-in)
			Structurally integrated; optional configuration (not standard)
SDT G3	Mass Production	425	√
	Mass Production	745	
MS G3	Mass Production	425	√
ET G2	Mass Production	745	√
ET 15~30K	Mass Production	745	√
ET 25~50K(ETF)	Mass Production	745	√
ES G2	Mass Production	745	√
ES UNIQ	Mass Production	745	√
ET 100	Mass Production	745	√
GT150K	Mass Production	745	√
GT100KLV	Mass Production	745	√
ES LD	Mass Production	745	√
ET LV	Mass Production	745	√
MS G4	Mass Production	745	√
DNS G4	Mass Production	745	√
SMT 50/60-US	Mass Production	745	√
SMT 22-28LV-US	Mass Production	745	√
SMT 30/35/37.5KLV BR	Mass Production	745	√