Battery Compatibility Overview



This document lists the compatible batteries with all GoodWe storage inverters, consisting in 3 system types:

- 1) Low-voltage energy storage systems
- 2) High-voltage energy storage systems
- 3) Commercial and industrial energy storage systems

Only batteries listed in this document are approved for connection to GoodWe storage inverters according to GoodWe Limited Warranty.

1) Low-voltage Energy Storage Systems

Battery	Battery	Battery		Inverter Series			
Brand	Series	Model	ES	EM	SBP	ES G2	SBP G2
	SECU-A	SECU-A5.4L	•	٠	•	•	•
GOODWE	Lynx Home U ^{*1}	LX U5.4-L	٠	•	•	•	•
ES/EM/SBP/BP: *1. ARM firmware v	versions 11 and above are required for compa	atibility.					
Battery Brand	Battery Series	Battery Model	ES	EM	SBP	ES G2	SBP G2
	Battery-Box Pro Series ^{*1}	-	٠	•	•	•	•
	Battery-Box Res Series ^{*1}	-	٠	•	•	•	•
BYD	Battery-Box LV Series ^{*2}	-	٠	•	•	•	•
	Battery-Box Premium LVL ^{*2}	LVL 15.4	٠	•	•	•	•
	Battery-Box Premium LVS Series ^{*2}	-	٠	•	•	•	•
	versions 00 and above are required for comparent versions 07 and above are required for comparent versions 07 and above are required for comparent versions of the second version of the second versio						
Battery Brand	Battery Series	Battery Model	ES	EM	SBP	ES G2	SBP G2
		RESU 3.3*1	٠	•		•	•
		RESU 6.5*1	٠	•	•	•	•
LG	RESU LV Series	RESU 10 ^{*1}	٠	•	•	•	•
LG		RESU 12 ^{*2}	•	•	•	•	•
		RESU 13 ^{*2}	•	•	•	•	•
ES/EM/SBP:		RESU 6.4 EX ^{*1}	•	٠	•	•	•
*1. ARM firmware v *2. ARM firmware v	versions 00 and above are required for compa versions 07 and above are required for compa Battery Series	RESU 6.4 EX ^{*1}	•				
*1. ARM firmware v *2. ARM firmware v	versions 07 and above are required for compa Battery Series	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model	• ES	EM	SBP	ES G2	SBP G2
*1. ARM firmware w *2. ARM firmware w	versions 07 and above are required for compa Battery Series US2000 Series ^{*1}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000	•				
*1. ARM firmware w *2. ARM firmware w	versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000	• ES •	EM •	SBP •	ES G2	SBP G2
*1. ARM firmware v *2. ARM firmware v Battery Brand	versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*1}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C	• ES •	EM •	SBP •	ES G2	SBP G2
*1. ARM firmware w *2. ARM firmware w	versions 07 and above are required for compo Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*2}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C	• ES • •	EM • •	SBP • •	ES G2 • •	SBP G2
*1. ARM firmware v *2. ARM firmware v Battery Brand	Versions 07 and above are required for comparements Battery Series US2000 Series ¹¹ US3000 Series ²² US2000C Series ¹² US3000C Series ²² Force L1 Series ²²	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US2000C US3000C US3000C Force-L1	• ES • •	EM • •	SBP • •	ES G2	SBP G2
*1. ARM firmware v *2. ARM firmware v Battery Brand	versions 07 and above are required for compo Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*2}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C	• ES • • •	EM • •	SBP • • •	ES G2 • • •	SBP G2 • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US2000C US3000C Force-L1 Force-L2 US5000 atibility.	• • • •	EM • •	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for comparent of the c	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US3000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. atibility. atibility. atibility. atibility. Battery Model	• • • • •	EM • • • EM	SBP	ES G2 • • •	SBP G2 • • • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. DYNESS-LV x1	• • • • • • • • • •	EM • • • EM •	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*1} US3000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. atibility. atibility. DYNESS-LV x1 DYNESS-LV x2	• ES • • • • ES • •	EM • • • • EM •	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. atibility. DYNESS-LV x1 DYNESS-LV x3	• ES • • • • ES • • •	EM • • • • EM • •	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*1} US3000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US3000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. Battery Model DYNESS-LV x1 DYNESS-LV x3 DYNESS-LV x4	• ES • • • • • • • • • • • •	EM • • • • EM • • •	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v Battery Brand	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*1} US3000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. Battery Model DYNESS-LV x1 DYNESS-LV x3 DYNESS-LV x4 POWERBOX F-2.5	• ES • • • • • • • • • • • • • • •	EM	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v Battery Brand	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US3000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa versions 00 and above are required for compa Pattery Series DYNESS-LV Series ^{*1}	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. Battery Model DYNESS-LV x1 DYNESS-LV x3 DYNESS-LV x4 POWERBOX F-2.5 POWERBOX F-5.0	• ES • • • • • • • • • • • • • • • • • •	EM	SBP	ES G2 • • • • •	SBP G2 • • • • • • •
*1. ARM firmware v *2. ARM firmware v Battery Brand PYLON ES/EM/SBP/BP: *1. ARM firmware v *2. ARM firmware v *3. ARM firmware v Battery Brand	Versions 07 and above are required for compa Battery Series US2000 Series ^{*1} US3000 Series ^{*2} US2000C Series ^{*1} US3000C Series ^{*2} Force L1 Series ^{*2} Force L2 Series ^{*2} US5000 Series ^{*3} Versions 00 and above are required for compa versions 00 and above are required for compa	RESU 6.4 EX ^{*1} atibility. atibility. Battery Model US2000 US2000C US3000C Force-L1 Force-L2 US5000 atibility. atibility. Battery Model DYNESS-LV x1 DYNESS-LV x3 DYNESS-LV x4 POWERBOX F-2.5	• ES • • • • • • • • • • • • • • •	EM	SBP	ES G2 • • • • •	SBP G2 • • • • • • •



Battery Compatibility Overview

1) Low-voltage Energy Storage Systems

Battery	Battery Series	Battery	Inverter Series			
Brand		Model	ES	EM	SBP	
		LBS051100A-A02	•			
OLOID -	LBS051100A Series ^{*1}	LBS051100A-A03	•			
OLOID -	L D00540004 0	LBS051200A-A02	•			
	LBS051200A Series ^{*1}	LBS051200A-A03	•			
ES: *1. ARM firmware ve	rsions 12 and above are required for co	npatibility.				
Battery Brand	Battery Series	Battery Model	ES	EM	SBP	
	LV(48V) Battery Series	Soluna 4K Pack	٠	•	٠	
Soluna		Soluna 5K Pack	٠	•	٠	
		Soluna EOS 5K Pack	•	•	٠	
Battery Brand	Battery Series	Battery Model	ES	EM	SBP	
	Smile5-BAT Series	SMILE5-BAT ^{*2}	•	•	•	
		Smile-BAT-10.1P ^{*2}	•	•	٠	
A *1	Smile-BAT Series	Smile-BAT-10.3P*2	٠	•	٠	
ALPHA ^{*1}		Smile-BAT-13.3P*3	•	•	٠	
	M48112-P Series	M48112-P ^{*3}	•	•	•	
	M48100-P Series	M48100-P*3	•	•	•	

*2. ARM firmware versions 10 and above are required for compatibility. *3. ARM firmware versions 11 and above are required for compatibility.

Battery Brand	Battery Series	Battery Model	ES	EM	SBP
		Firefly-3.6K	•	•	•
		Firefly-7.2K	٠	•	•
		Firefly-10.8K	٠	•	•
Tecloman	Firefly Series ^{*1}	Firefly-14.4K	•	•	•
		Firefly-18.0K	•	•	•
		Firefly-21.6K	•	•	•
		Firefly-25.2K	•	•	•
ES/EM/SBP: *1. ARM firmware version	ons 12 and above are required for co	mpatibility.		1	
Battery Brand	Battery Series	Battery Model	ES	EM	SBP
UZENERGY	L051100-A Series	L051100-A ^{*1}	•	•	•

*1. ARM firmware versions 12 and above are required for compatibility.



•

Battery Compatibility Overview

2) High-voltage Energy Storage Systems

Battery	Battery	Battery	Inverter Series					
Brand	Series	Model	ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kV
		LX F6.6-H	•	•	•	•	•	•
GOODWE	Lynx Home F ^{*1}	LX F9.8-H	•	•	•	•	•	•
GOODWE	Lynx Home F PLUS+*1	LX F13.1-H	•	•	•	•	•	•
		LX F16.4-H	•		•			•
ET/EH/BT/BH/EHI	ries: ET PLUS+, ET PLUS+ (16A) B: versions 19 and above are required for (compatibility.						
Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kW)
	Battery-Box HV Series ^{*1}	-	•	•	•	•		
		HVM 8.3		•		•	•	
	Battery-Box Premium HVM ^{*2} Battery-Box Premium HVS ^{*2}	HVM 11.0	•	•	•	•	•	•
		HVM 13.8	•	•	•	•	•	•
		HVM 16.6	•	•	•	•	•	•
BYD		HVM 19.3	•	•	•	•	•	•
		HVM 22.1	•	•	•	•	•	•
		HVS 5.1	•	•	•	•	•	•
		HVS 7.7	•	•	•	•	•	•
		HVS 10.2	•	•	•	•	•	•
		HVS 12.8	•		•			•
T/EH/BT/BH/EHI 1. ARM firmware 2. ARM firmware T15~30K: 2. ARM firmware BYD CAN com	ries: ET PLUS+, ET PLUS+ (16A) B: versions 07 and above are required for of versions 11 and above are required for of versions 02 and above are required for of munication line PIN1/2 corresponds to ir combined with ET15~30K series cannot	compatibility. compatibility. nverter CAN communication I		of the inve	rter.			
Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	EHB	ET (15-30kW
		FLEX 8.6	•					
	RESU FLEX Series ^{*1}	FLEX 12.9	•					
	-		-					

LG

*. Including ET Series: ET PLUS+, ET PLUS+ (16A)

RESU Type-R Series

RESU Prime Series*2

ET/EH/BT/BH/EHB:

*1. Only compatible with ET PLUS+ Series. ARM firmware versions 23 and above are required for compatibility. *2. ARM firmware versions 20 and above and DSP versions 02 and above are required for compatibility.

FLEX 17.2

RESU10H_Type-R

RESU10H Prime

RESU16H Prime

Battery Compatibility Overview



Battery	Battery	Battery		Inverter Series			
Brand	Series	Model	ET (5-10kW)*	EH	BT	BH	
	Powercube H1 Series	POWERCUBE-H1-48 ^{*1}	•	•	•	•	
PYLON	Force H1 Series ^{*2}	Force-H1	•	٠	•	•	
	Force H2 Series ^{*2}	Force-H2	•	•	•	٠	
ET/EH/BT/BH/EHE 1. ARM firmware v Range of Good 2. ARM firmware v	ies: ET PLUS+, ET PLUS+ (16A) 3: versions 07 and above are required for We inverters. Maximum 8 units for EH versions 14 and above are required for ars. At least 5 FORCE-H1 battery mod	/BH, and 11 units for ET/BT. compatibility. Please note that th	-			-	
Battery Brand	Battery Series	Battery Model	ET (5-10kW)*	EH	BT	BH	
	,	Tower T7	, ,	•		•	
	— — ×1	Tower T10	•	٠	•	•	
DYNESS	Tower Series ^{*1}	Tower T14	•	•	•	•	
		Tower T17	•		•		
Battery Brand	Battery Series	Battery Model Soluna 7K Pack HV	ET (5-10kW)*	EH ●	BT	BH	
ballery Dranu	Battery Series	-	ET (5-TUKVV)		ы		
Soluna	HV Battery Series ^{*1}	Soluna 10K Pack HV	•	•	•	•	
oorania		Soluna 15K Pack HV	•		•		
ET/EH/BT/BH/EHE 1. ARM firmware v Battery Brand	3: versions 10 and above are required for Battery Series	compatibility. Battery Model Mint-JKE5	ET (5-10kW)*	EH ●	BT	BH	
Define	Mint-JKE ^{*1}	Mint-JKE10		•		٠	
iPotisEdge	Mint-JKE	Mint-JKE15	•	٠	•	٠	
		Mint-JKE20	•	٠	•	٠	
ET/EH/BT/̈BH/EHE	ies: ET PLUS+, ET PLUS+ (16A) 3: versions 12 and above are required for Battery Series	compatibility. Battery Model	ET (5-10kW)*	ЕН	ВТ	ВН	
allery Drallu	Battery Series	WTS Power-CORE 1.0-5.5		En	ы	ВП	
	WTS Power-CORE 1.0 ^{°1}	WTS Power-CORE 1.0-5.5 WTS Power-CORE 1.0-8.3	•		•		
		WTS Power-CORE 1.0-0.3	•		•		
		WTS Power-CORE 1.0-11.0 WTS Power-CORE 1.0-13.8	•		•		
		WTS Energy-CORE 1.0-9.6	-		-		
WTS		WTS Energy-CORE 1.0-9.8 WTS Energy-CORE 1.0-12.8	•		•		
	WTS Energy-CORE 1.0 ^{*1}	WTS Energy-CORE 1.0-12.0	•		•		
			•		•		
	WIS EIRIGY-CORE 1.0				-		
	WIS Energy-CORE 1.0	WTS Energy-CORE 1.0-19.2	•				
	WIS Ellergy-CORE 1.0	WTS Energy-CORE 1.0-19.2 WTS Energy-CORE 1.0-22.4 WTS Energy-CORE 1.0-25.6	•		•		

3) Commercial and Industrial Energy Storage Systems

attory Brand	Detterre Oeriee	Pottom: Model	Inverter Series		
Battery Brand	Battery Series	Battery Model	ETC	BTC	
	Luceu C corrigo ^{*1}	LX C 101-10	•	•	
GOODWE		LX C 120-10	•	٠	
GOODWE	Lynx C series ^{*1}	LX C 138-10	•	•	
		LX C 156-10	•	٠	

ETC 100K: *1. EMS firmware versions 00 and above are required for compatibility. GOODWE