



INGECON SUN STORAGE 1PLAY TL  
LIST OF APPROVED LITHIUM-ION BATTERIES

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## 1. INTRODUCTION

The lithium-ion batteries of the following manufactures are approved for the Ingeteam Storage System with the INGECON SUN STORAGE 1PLAY TL.



## 2. LIST OF APPROVED LITHIUM-ION BATTERIES

Manufacturer	Type	Minimum Firmware Version		Stand-Alone / UPS(Backup) <i>single-phase installation</i>	Self-Consumption <i>single-phase installation</i>
		Display	Inverter	Comment	Comment
Forsee Power	HE- 48V	_A	_S	See Note 1)	See Note 1)
LG Chem (Low Voltage)	RESU 6.4EX	_H	_O	See Note 1)	See Note 1)
	RESU3.3 / RESU6.5 / RESU10 (48V)	_H	_R		
Zetta Joule	JBlocks 150	_G	_K	✓	✓
Freedom Won	Lite Home 48V	_H	_K	See Note 1)	See Note 1)
	Lite HV Series	_J	_T	✓	✓
BYD	B-BOX H 5.1 (4 modules)	_P	_Y	✓	✓
	B-BOX H 6.4 (5 modules)				
PYLONTECH	Force H1/H2 Powercube X1/X2	_Q	AA	✓	✓
PYLONTECH (Low Voltage)	US2000 (48V, 2.4kWh) US3000 (48V, 3.4kWh) Phantom-S	---	AH	See Note 2)	See Note 2)
BlueNova	Bluetooth series: 52V,104V,156V,208V	_R	AD	For 52V battery, see Note 1)	For 52V battery, see Note 1)
BeeBattery	Home 4 (90V, 4kWh) Home 8 (90V, 8kWh) Home 12 (90V, 12kWh)	_R	AD	✓	✓

**Note: 1)** The maximum power the inverter can transfer to/from the battery is 2400W. This is due to the fact that the inverter is limited to transfer 50A to this 48V battery.

**Note: 2)** The maximum power the inverter can transfer to/from the battery is 2400W (minimum 2 racks of batteries). This is due to the fact that the inverter is limited to transfer 50A to this 48V battery. For 1 rack of battery, the maximum power is 1200W (25A).

### 3. REVISION HISTORY

Revision	Date	Change Description	Author
_	25/05/2016	Initial document	D.B.R.
_A	04/08/2016	Added new LG battery models (LV series) Notified AC Power Supply in some batteries	D.B.R.
_B	25/04/2017	Added new FreeDom Won High Voltage model. Removed AC Power Supply Kit. Removed Cegasa model.	D.B.R.
_C	11/05/2017	Removed Saft model. Added new manufacturer: BlueNova.	D.B.R.
_D	24/05/2017	Minimum firmware version for BlueNova manufacturer fixed. Three-phase installations removed.	D.B.R.
_E	20/01/2019	Removed Forsee Power EP7 model. Added new manufacturer: BYD	D.B.R.
_F	27/03/2019	Added new model BYD B-BOX H 5.1	D.B.R.
_G	30/09/2019	Added new model PYLONTECH FORCE H1/H2 and Powercube X1/X2	D.B.R.
_H	11/12/2019	Removed BlueNova models.	D.B.R.
_I	21/07/2020	Added BlueNova models. Added BeeBattery Home models.	D.B.R.
_J	16/10/2020	Document only for TL version.	D.B.R.
_K	02/03/2021	Added US2000/US3000 models.	D.B.R.