

**WECO**



Efficient.  
Reliable.  
Cool.

# LI - KOOL

LIQUID COOLED ENERGY STORAGE SYSTEM

Innovative Liquid Cooled ESS  
**233 kWh – 373 kWh**

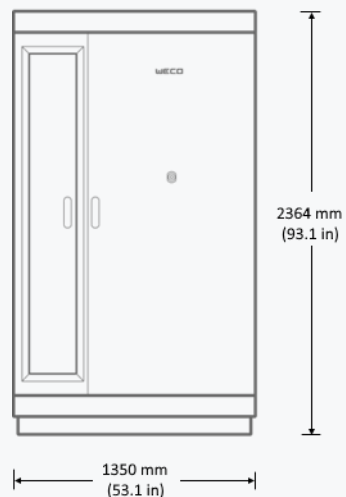
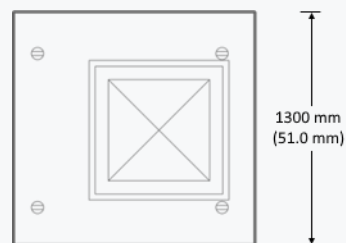
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# LI-KOOL

## 0.5C / 1C LIQUID COOLED ESS

### Specifications

	233 kWh	373 kWh
BATTERY	Lithium Iron Phosphate	
	3.2V, 280 Ah	
	1P-312S	1P-416S
	6S	8S
SYSTEM	233 kWh	373 kWh
	210 kWh	336 kWh
	996 Vdc	1332 Vdc
	874 ~ 1100 Vdc	1165 ~ 1477 Vdc
	140 A / 0.5C	
	173 A 5min	
	90%	
	4200 A -13 ms	5950 A - 13 ms
	9550 A - 80 ms	9900 A - 80 ms
	1500 V - 300 A	1500 V - 300 A
	1500 V 250 A Type C Automatic Thermal Protection	
	350 A on both Poles 1500 V 350 A on both Poles 1500 V	
	≥ 4500 (1C, 80% DOD, 70% SOH)	
	≥ 8000 (0.5C, 90% DOD, 70% SOH)	
COMMUNICATION	CAN	
	RS485	
	WeCo NooR App	
	LAN + 4G	
BMS PROTECTIONS	Built-in	
	Built-in	
	Built-in	
	Built-in	
PASSIVE PROTECTIONS	Built-in	
	Built-in	
	Built-in	
	Built-in	
STORAGE REQUIREMENTS	RH ≤95% (no condensation)	
	-20 °C < T < +60 °C	
	85% without condensation	
	Defrost Cycles	
	Less than 3 months: 0 < T < 45 °C	
	> 3 months: 15 < T < 35 °C	
CYCLES	≤ 2000 m	
	1300 x 1300 x 2355	1300 x 1350 x 2364
	2800 kg	3850 kg
	IP54	
	Heat Pump and Chiller for Liquid Cooled Circuit	
	250 W	
	50 W	
	4500 W	
	3500 W	
	20 W	
	Prismatic Liquid Cooled	



**WECCO**



# HYBO TL SYSTEMS

OUTDOOR SERIES & Li-KOOL

Innovative Hybrid Inverters for BESS Applications ON and OFF grid

**233kW - 273kW**

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# LI-KOOL & HYBO TL

SYSTEM BESS



## HYBO TL 1000V ESS MATCHING CHART

	Power Device	ESS Model	Number of ESS	PV Power	AC Power	Std Capacity	Ratio C-rate	Max. Capacity ESS	Systems in parallel	Max. Parallel Combined Capacity
PCS	HYBO TL PCS 120	Li-Kool 233	1	-	120 kW	215 kWh	0.5	430 kWh	10	1.2 MW AC / 4.3 MWh
	HYBO TL PCS 180		1		180 kW	215 kWh	0.8	430 kWh		1.8 MW AC / 4.3 MWh
	HYBO TL PCS 240		2		240 kW	430 kWh	0.5	860 kWh		2.4 MW AC / 8.6 MWh
	HYBO TL PCS 300		2		300 kW	430 kWh	0.5	860 kWh		3.0 MW AC / 8.6 MWh
HYBRID	HYBO TL HYBRID 120/120	Li-Kool 233	1	120 kW	120 kW	233 kWh	0.5	466 kWh	10	1.2MW PV/1.2 MW AC/4.3 MWh
	HYBO TL HYBRID 180/120		1	180 kW	120 kW	233kWh	0.8	466 kWh		1.8MW PV /1.2 MW AC/4.3 MWh
	HYBO TL HYBRID 240/180		2	240 kW	180 kW	466 kWh	0.5	932 kWh		2.4MW PV /1.8 MW AC/8.6 MWh
	HYBO TL HYBRID 240/240		2	240 kW	240 kW	466 kWh	0.5	932 kWh		2.4MW PV /2.4 MW AC/8.6 MWh



HYBO TL Hybrid Inverter + Multi cabinet Li-Kool system BESS

# WECO



## LI-KOOL LIQUID COOLED

Liquid-cooled hybrid inverters offer efficient heat dissipation, extended component lifespan, higher power density, adaptability to various climates, and reduced maintenance, ensuring reliable, quiet, and energy-efficient performance

## Efficient Power Integration

# WECO

WeCo Srl a Socio Unico  
Viale J. F. Kennedy 113-121  
50038 Scarperia e San Piero  
Firenze, Italy

weco@wecobatteries.com  
www.wecobatteries.com

