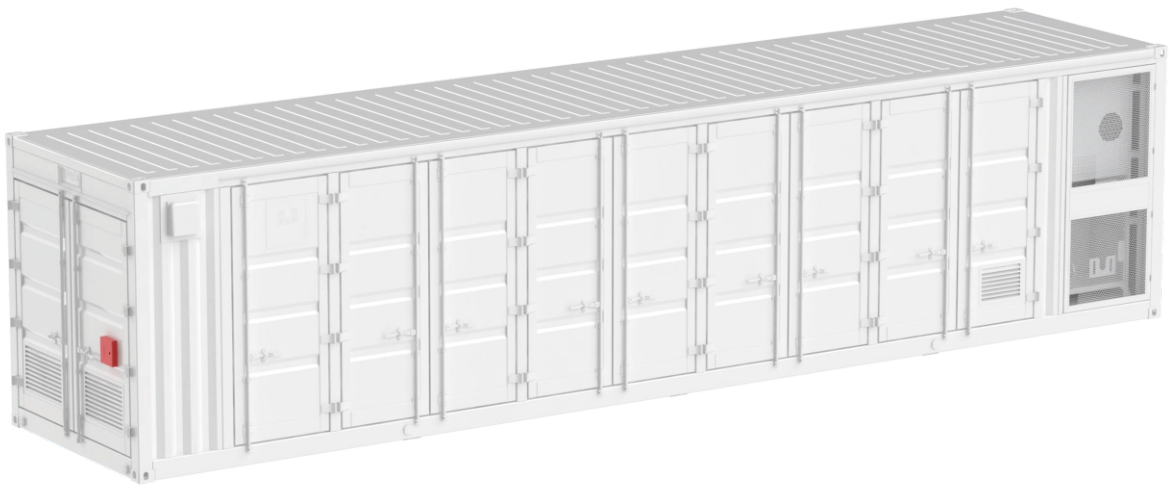
TECLOMAN

BESS container/Medium Voltage Electrical container

TESS-1000-500/1000-2000/2000-1000/2000-400



- Energy storage system online in real time with hot standby
- Unit-based design, convenient for long-term power protection and capacity expansion
- Millisecond-class fast switching, high reliability and high power supply quality
- Prefabricated energy storage system, bulk shipment and convenient installation
- Medium-voltage centralized power protection, with high efficiency and low cost

Dystrybutor w PL Solution Energy Storage sp.z o.o. KRS :0001169598

Tecloman Energy Storage **Add:** Muehldorfstrasse 8,81671 Munich, Germany/ Web: www.tecloman.com

Type	TESS-1000-500	TESS-1000-2000	TESS-2000-1000	TESS-2000-4000
Common parameters				
Rated power	1000kW	1000kW	2000kW	2000kW
Rated power	500kWh	2000kWh	1000kWh	4000kWh
Rated power charging time	≈0.5h	≈2h	≈0.5h	≈2h
Rated power discharging time	>20min	>90min	>20min	>90min
AC voltage level	6~35kV			
Switching time	⩽10ms			
Grid-connection output				
Maximum output power	1100kVA	1100kVA	2200kVA	2200kVA
Allowable voltage range	±10% (configurable)			
Allowable frequency range	50Hz/60Hz±5Hz (configurable)			
Power factor	0.99 (ahead)-0.99 (delay)			
THDi	＜3% (rated output power)			
Off-grid outpu				
Carrying capacity of unbalanced load	100%			
Voltage variation range	<5%U_N			
Voltage DC component	<0.5% (linearly balanced load)			
THDu	<5% (linearly load)			
Battery parameters				
Battery type	Lithium iron phosphate			
Charge-discharge ratio	2C	0.5C	2C	0.5C
Charging temperature range	0~55°C			
Discharging temperature range	-20~55°C			
Fire protection design	Heptafluoropropane/perfluorostadioketone extinguishing medium			
Basic parameters				
Protection level	IP54			
Relative humidity	0-95% (condensation free)			
Cooling type	Intelligent cooling/liquid cooling			
Highest altitude	5000m (＞4000mderated)			
Display	Touch screen/Cloud platform			
Communication port	Ethernet, RS485, CAN2.0, cable (IO)			

Ceny orientacyjne w euro :	85.000	340.000	170.000	680.000