

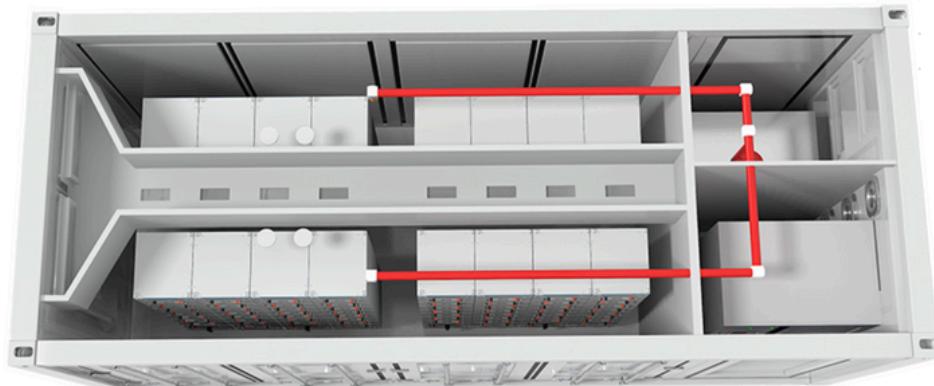


Container ESS

- Specifically designed for large energy storage power stations.

Product Highlights:

- Standardized design, easy to expand and maintain.
- Support simultaneous access to load, battery, grid, DG, and PV.
- Support battery management system and comprehensive thermal management.
- Support real-time online monitoring of system status.
- Diversified selection of equipment capacity.
- Multiple working modes can be flexibly set.



TEEMWAY GROUP LIMITED

Specification

Item	TW-ESSB500	TW-ESSB1000
Rated power (kW)	500	1,000
Rated voltage (V)		400V
Rated current (A)	722A	1,445A
Voltage range (V)		320V~460V
Rated frequency		50/60Hz
THDi(on-grid)		<3%
THDi(off-grid)		≤ 1% linear; ≤ 5% non-linear
Power factor		1 (0.8 leading ~ 0.8 lagging can be set)
AC output		3W+N+PE
Over load		110% Long term
Isolation transformer		315/400
On -grid off-grid switching		YES
Max.PV input voltage (V)		1,000
Max. PV power (kW)	600/660/720	1,200/1,320/1,440
MPPT operating voltage range (V)		250~850
MPPT full load voltage range (V)		450~850
Buck-boost mode		Support
Cell type	3.2V/280Ah, LFP	3.2V/280Ah, LFP
Nominal voltage(V)	768V/1P240S	768V/1P240S
Nominal energy (MWh)	1.0752	2.1504
Working voltage range (V)	672~850V	672~850V
Max. charge and discharge rate	0.5C@25°C	0.5C@25°C
Cycles	≥5000	≥5,000
Dimensions W *D *H (mm)	6,058×2,438×2,896	12,192×2,438×2,896
Net weight (kg)	21,000	38,000
Operating temperature (°C)		0 ~ +45
Relative humidity		0 ~ 95% (non-condensing)
Ingress protection		IP54
Noise emission (dB)		<75
Operating altitude (m)		3,000
Cooling		Intelligent air cooling
Display		Touch LCD display+cloud platform