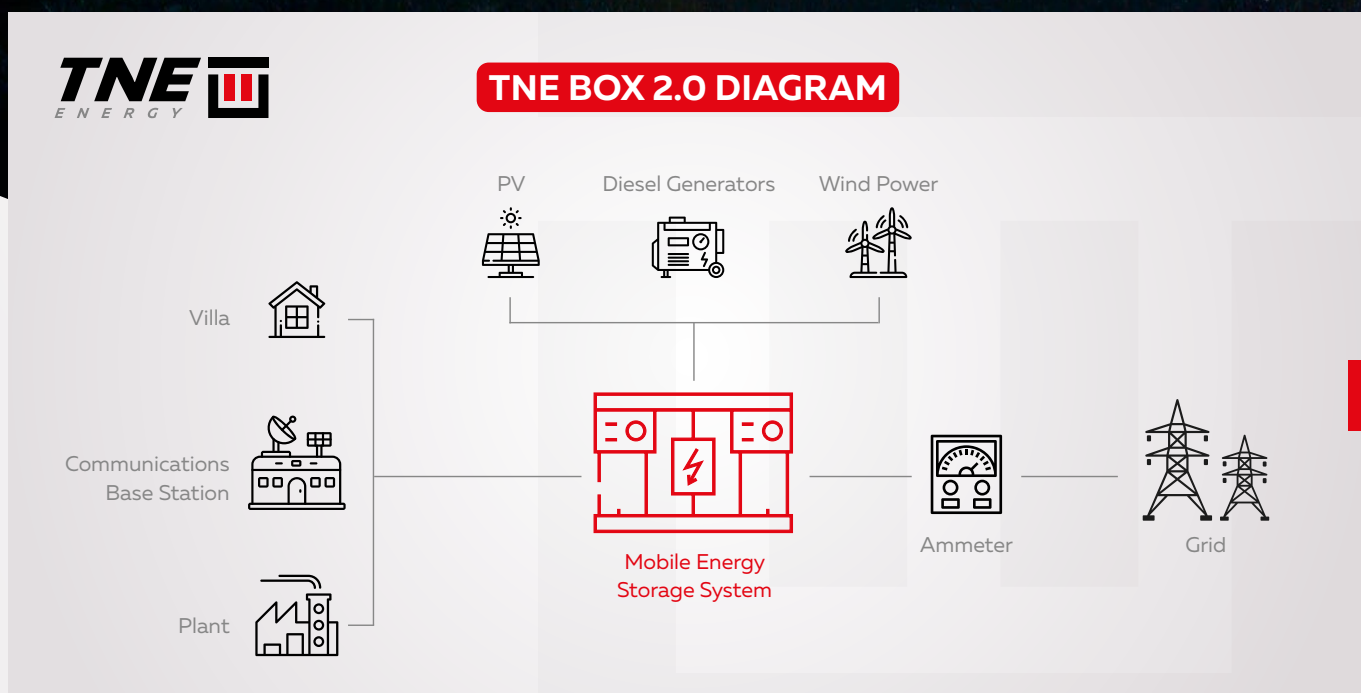


Mobile Energy Storage System

TNE Box 2.0 and TNE Box 2.0 Pro

- **Longer Life and Safer:** A+ grade lithium ion phosphate battery management system with multi-level protection.
- **Flexible and Expandable:** The battery adopts a modular design, with capacity options ranging from 20kWh to 100kWh.
- **Silent operation:** The TNE Box 2.0 has a noise level of less than 40 dB. The TNE Box 2.0 Pro has a noise level of less than 60 dB.
- **Plug and Play:** No complicated setup or installation is required. It supports multiple output models to meet different power needs.

Applications: villa, construction site, farm, plant, communications base station



Mobile Energy Storage System

TNE Box 2.0 and TNE Box 2.0 Pro

Model	TNE Box 2.0					TNE Box 2.0 Pro		
Battery configuration capacity	20/40/60/80/100kWh					60/80/100kWh		
Max. Charging / Discharging Current	200 A							
Battery Voltage Range	160~584V					240~584V		
Battery Type	LiFePO4							
Cycle Life	6000@80%DOD, 25° C/0.5°C							
PV								
Max PV input	30kW					60kW		
Mppt input voltage	200~950VDC					200~850VDC		
Max. Input Current	30Ax2					30Ax4		
Max. Short Circuit Current	40Ax2					30Ax4		
AC output (on grid)								
Phases	Three phases							
Frequency (optional)	50/60Hz							
Rated output power	20kW					55kW		
Rated Output Current	33.5A					83A		
Grid Voltage	3L/N/PE,220/380,230/400,240/415							
Power Factor Range	-0.8~+0.8							
AC output (EPS)								
Rated Output Power	20kW					50kW		
Rated Output Current	33.5A					83A		
EPS Voltage	3L/N/PE,220/380,230/400,240/415							
General								
Number of Layers	1 layers	2 layers	3 layers	4 layers	5 layers	3 layers	4 layers	5 layers
Dimensions (WxDxH) mm	900x850x1295	900x850x1550	900x850x1805	900x850x2060	900x850x2315	900x850x2145	900x850x2400	900x850x2600
Weight (kg)	370	580	790	1000	1210	870	1080	1290
IP rating	IP54							