



Ener Hexon™ Smart215 Intelligent and distributed energy storage system

DAHAI TESS-30-100/60-100/100-215



Model	TESS-30-100	TESS-60-100	TESS-100-215
AC (Grid tied)			
Apparent Power	33kVA	66kVA	110kVA
Rated Power	30kW	60kW	100kW
Rated voltage	400V		
Rated Current	43A	87A	144A
Voltage Range	360V~440V		
Rated Frequency	50/60Hz		
THDI	<3%		
Power Factor	0.8 leading~ 0.8 lagging		
AC mode	3/N/PE		
Overload Capability	110% 10minutes,120%1min		
DC			
Battery Voltage Range	313V~403V	313V~403V	672V~864V
Battery capacity	100.35kwh	100.35kwh	215.04kwh
Max. Charging Power	30kW	30kW	100kW
Max. Discharging Power	30kW	30kW	100kW
Max. Charging Current	100A	140A	140A
Max. Discharging Current	100A	140A	140A
Basic parameters			
Noise	<65dB(A)@1m		
IP protection level	IP54		
Fire protection	CF3CHFCF3		
Cooling	Forced air + Smart AC		
Operating Temperature	-25°C~+55°C		
Relative Humidity	0 - 95%, without condensation		
Max. Altitude	4000m(>2000m derating)		
Dimensions(W*D*H)	1000mmX1000mmX2200mm	1000mmX1000mmX2200mm	1650mmX1000mmX2350mm
Weight	1350Kg	1350Kg	2450Kg
Display	Touch Screen		
Communication	RS485/LAN		

Integrated structure design with high protection level

To meet the installation and use in different environments

The design with independent battery and electrical spaces

To enhance fire safety and reliability of the system

New BMS control concept, to optimize BMS control method and improve DC-side output efficiency

To provide multi-dimensional after-sales and operation & maintenance services.

Built-in local/remote EMS control logic

Professional multi-platform access