AMPAURA AUSTRALIA

Ampaura Vast series outdoor C&I Energy Storage System



Product Features

- The equipment with a high protection rating can be installed indoors or outdoors.
- Adopting high-quality battery cells and components.
- All-round safety protecting with a complete fire supression system.
- Support two installation methods, forklift handling and installation as well as top hoisting.
- Support remote troubleshooting and system software optimization.

AMPAURA VAST	30kw-B111
BATTERY	
Norminal capacity (kWh)	111
Rated DC voltage (V)	537.6
DC voltage range (V)	470~605
Charge / discharge rate	0.5P
Battery technology	LiFePO4
Battery pack structure	1P24S
Cooling	Air conditioner
BMS	Integrated
PCS	
Battery voltage range (Vdc)	135~750
Rated DC power (kW)	30.00
Maximum charging/discharge current (A)	100.00
Rated AC power (kW)	30.00
Rated AC current （A）	43.00
AC Rated voltage (Vac)	380/400/415
AC line frequency (Hz)	50/60

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Back-up Side	
Rated output power (kW)	30.00
Max. output apparent power(kVA)	33.00
Max. output current (A)	50.00
On/Off-grid switching time	<20ms
Generator Side	
Max. input apparent power (kVA)	36.00
Max. charging power of battery (kW)	30.00
Max. input current (A)	52.20
PV INPUT	
Max. input power (kW)	45.00
Max. numbers of MPPTS	4
Number of DC inputs per MPPT	2
MPPT voltage range (V)	200~850
Start-up voltage (V)	135.00
Rated DC input range (V)	620.00
Max. input current (A)	30*4
ENERGY MANAGEMENT SYSTEM	
EMS	Integrated
COMMUNICATION	
Communication protocol	CAN, RS485, WiFi/LAN (Optional)
Cloud	Yes
APP	Yes
OPERATION	
Relative operating humidity	0~95%RH(No-condensation)
Opearting temperature range	-20~45°C
Operating altitude	≤3000m
DIMENSIONS	
Dimensions (W * H * D)	700*2200*1318 (without inverter) 1024*2200*1318 (with inverter)
Weight (kg)	1382
SAFTY/STANDARDS	
Protection	IP54(Inverter IP67)
Corrosion-proof grade	C3
Safety features	a. Smoke Detection b. Temperature Detection c.Aerosol Fire Extinguish
Certification	IEC/EN 62109-1/2;IEC62040 ;AS/NZS 4777.2:2020; CEC IEC/EN 62477 ;IEC/EN 62619;UN38.3