

EnerStack314

The EnerStack314 indoor stackable batteries require no complex wiring and can be easily stacked for immediate use. Its intelligent temperature control system maintains efficient battery operation around the clock, while its online intelligent operation and maintenance system helps businesses manage energy more easily and reliably.

Features



Foolproof installation



Efficient deployment



Future ready



Intelligent operation and maintenance



Intelligent temperature control



Targeted prevention and control



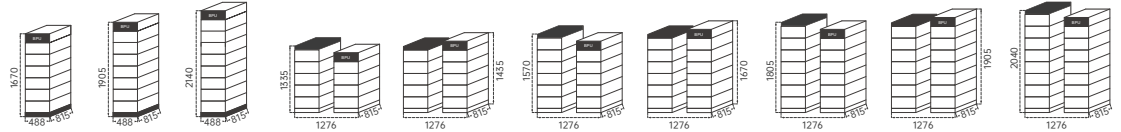
EnerStack314

ATESS ESS-BM-51.2-314NPB-S

Configuration	16S1P
Rate capacity	314Ah
Rate energy	16.076KWh
Rate voltage	51.2V
Voltage range	44.8~57.6V
Rate charge/discharge	0.5C
Max. charge/discharge	0.65C
AC internal resistance	≤8mΩ
Dimension(W/H/D)	490mm*282mm*815mm
Weight	118Kg
Cell chemistry	LiFePO4
Cooling method	Fan cooling

Battery cluster specification

Energy code	BS96R	BS112R	BS128R	BS144R	BS160R	BS176R	BS192R	BS208R	BS225R	BS241R
Module Number	6	7	8	9	10	11	12	13	14	15
Weight	733kg	851kg	969kg	1102kg	1220kg	1338kg	1456kg	1574kg	1692kg	1810kg
Dimension(W/H/D)mm										



Normal capacity/Ah	314
Normal Energy/KWh	16.076n (n=Module Number)
Normal Voltage/V	51.2n (n=Module Number)
Voltage Range/V	44.8n~57.6n (n=Module Number)
Recommended charge&discharge current	157A(0.5C)
Max. charge&discharge current	204A(0.65C)
Depth of discharge	90%
Cycle life	≥6000 cycles
Charging temperature range	0°C~55°C
Disharging temperature range	-20°C~55°C
Communication	CAN/RS485
Protection grade	IP20
Fire extinguishing system	Aerosol
Installation method	Stacked installation
Cooling method	Smart air cooling
Max. altitude	3000m

Certificate

CE,CB,UL.UN38.3,IEC62619,MSDS,ROHS