ATESS

BR172R/186R/200R/215R



- Indoor battery rack with IP20 protection level, inbuilt lithium-ion battery and BMS
- Easy installation and maintenance
- Safety first
- High density
- Long lifespan
- Cell balancing technology

Model	BR172R	BR186R	BR200R	BR215R
Battery module specification				
Configuration	16S1P			
Rated capacity	280Ah			
Rated energy	14.336kWh			
Rated voltage	51.2V			
Voltage range	44.8~57.6V			
Rated charge/discharge	0.5C			
AC internal resistance	≤8mΩ			
Dimension(W/H/D)mm	523/231/805			
Weight	113kg			
Battery rack specification				
Configuration	12 modules + 1 BPU	13 modules + 1 BPU	14 modules + 1 BPU	15 modules + 1 BPU
Rated capacity	280Ah			
Rated energy	172.032kWh	186.386kWh	200.704kWh	215.04kWh
Rated voltage	614.4V	665.6V	716.8V	768V
Voltage range	537.6~691.2V	582.4~748.8V	627.2~806.4V	672~864V
Rated charge/discharge	0.5C			
AC internal resistance	≤96mΩ	≤104mΩ	≤112mΩ	≤120mΩ
Display	7"Touch screen			
BMS	Included			
Communication	CAN			
Monitoring	RS485			
Dimension(W/H/D)mm	1055/2125/755			
Weight	1511kg	1624kg	1737kg	1850kg
Protection degree	IP20			
BMS parameters on LCD				
Cell voltage	Yes			
Cell hight voltage	Yes			
Cell low voltage	Yes			
Cell temperature	Yes			
Charge and dicharge current	Yes			
Total battery voltage	Yes			
Battery SOC	Yes			
Fault warning	Yes			
Protection				
Short circuit protection	Yes			
Over current protection	Yes			
Over charge protection	Yes			
Over discharge protection	Yes			
Cell over voltage protection	Yes			
Cell under voltage protection	Yes			
Over temperature protection	Yes			
Certificate				
CE, CB, UL, UN38.3, IEC62619, MSDS, ROHS				