

## Merak100-215kwh-SP

Basic parameter	215 Air cooled cabinet
Model number	Merak100-215kwh-SP
Permutation type	1P120S*2
Cell capacity	280Ah
Magnification	0.5P
Inverter power	50kW*2
Rated capacity	560Ah
Rated energy	215kWh
Nominal voltage	384Vdc
Operating voltage range	300~438Vdc
Operating temperature range	-20°C~55°C
Storage temperature range	-30°C~60°C
Maximum working altitude (m)	≤3000
Battery temperature control mode	Air cooling
Energy storage system Fire protection system	Aerosol
Energy storage system communication interface	RS485/Ethernet
Protection level of energy storage system	IP54
Weight	2.5t
Dimensions (L x W x H)	1700x1450x2300mm
Standard	IEC62619 UN38.3 UL1973 GB/T36276-2018 GB/31484-2015

## Merak300-645kwh-SP

Basic parameter	645Kwh 20 feet cabinet
Model number	Merak300-645kwh-SP
Permutation type	1P240S*3
Cell capacity	280Ah
Magnification	0.5P
Inverter power	300kW
Rated capacity	840Ah
Rated energy	645kWh
Nominal voltage	768Vdc
Operating voltage range	600~876Vdc
Operating temperature range	-20°C~55°C
Storage temperature range	-30°C~60°C
Maximum working altitude (m)	≤3000
Battery temperature control mode	Liquid cooling
Energy storage system Fire protection system	Perfluorohexone
Energy storage system communication interface	RS485/Ethernet
Protection level of energy storage system	IP55
Weight	16t
Dimensions (L x W x H)	6058x2438x2591mm
Standard	IEC62619 UN38.3 UL1973 GB/T36276-2018 GB/31484-2015

## Merak100-215kwh-SP

Basic parameter	215 Liquid cooled cabinet
Model number	Merak100-215kwh-SP
Permutation type	1P240S
Cell capacity	280Ah
Magnification	0.5P
Inverter power	100kW
Rated capacity	280Ah
Rated energy	215kWh
Nominal voltage	768Vdc
Operating voltage range	600~864Vdc
Operating temperature range	-20°C~55°C
Storage temperature range	-30°C~60°C
Maximum working altitude (m)	≤3000
Battery temperature control mode	Liquid cooling
Energy storage system Fire protection system	Aerosol
Energy storage system communication interface	RS485/Ethernet
Protection level of energy storage system	IP54
Weight	2.5t
Dimensions (L x W x H)	1200x1450x2100mm
Standard	IEC62619 UN38.3 UL1973 GB/T36276-2018 GB/31484-2015

## Merak500-1075kwh-SP

Basic parameter	1075Kwh
Model number	Merak500-1075kwh-SP
Permutation type	1P240S*4
Cell capacity	280Ah
Magnification	0.5P
Inverter power	500kW
Rated capacity	1120Ah
Rated energy	1075kWh
Nominal voltage	768Vdc
Operating voltage range	600~876Vdc
Operating temperature range	-20°C~55°C
Storage temperature range	-30°C~60°C
Maximum working altitude (m)	≤6000
Battery temperature control mode	Liquid cooling
Energy storage system Fire protection system	Perfluorohexone
Energy storage system communication interface	RS485/Ethernet
Protection level of energy storage system	IP55
Weight	18t
Dimensions (L x W x H)	6058x2438x2591mm
Standard	IEC62619 UN38.3 UL1973 GB/T36276-2018 GB/31484-2015