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STS Power Module

120KW STS Power Module



Model Number	MD-ST5-120KW
Rated Voltage	380/400VAC
Rated Current	182A
Efficiency	99.5%
Temperature	-40 to 70 °C
Size	444*179*550mm

200KW STS Power Module



Model Number	MD-ST5-200KW
Rated Voltage	380/400VAC
Rated Current	304A
Efficiency	99.5%
Temperature	-40 to 70 °C
Size	444*179*550mm

250KW STS Power Module



Model Number	MD-ST5-250KW
Rated Voltage	380/400VAC
Rated Current	380A
Efficiency	99.5%
Temperature	-40 to 70 °C
Size	444*179*550mm

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ESS Liquid Cooling Power Module

100KW ESS Liquid Cooling Power Module



Model Number	MD-ESS-LCAD100KW
DC Side Parameters	
Voltage	580VDC-1000VDC
Max Current	173A
AC Side Parameters	
Rated Voltage	400VAC
Rated Current	145A
Size	505*245*875mm

110KW ESS Liquid Cooling Power Module



Model Number	MD-ESS-LCAD110KW
DC Side Parameters	
Voltage	580VDC-1000VDC
Max Current	190A
AC Side Parameters	
Rated Voltage	400VAC
Rated Current	160A
Size	505*245*875mm

125KW ESS Liquid Cooling Power Module



Model Number	MD-ESS-LCAD125KW
DC Side Parameters	
Voltage	580VDC-1000VDC
Max Current	216A
AC Side Parameters	
Rated Voltage	400VAC
Rated Current	182A
Size	505*245*875mm

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ESS AC DC Power Module

110KW AC DC ESS Power Module



Model Number	MD-ESS-AD110KW
DC Voltage	580VDC-1000VDC
DC Current	190A
AC Voltage	400VAC
AC Current	160A
Size	444*220*720mm

125KW AC DC ESS Power Module



Model Number	MD-ESS-AD125KW
DC Voltage	580VDC-1000VDC
DC Current	216A
AC Voltage	400VAC
AC Current	182A
Size	444*220*720mm

150KW AC DC ESS Power Module



Model Number	MD-ESS-AD150KW
DC Voltage	580VDC-1000VDC
DC Current	260A
AC Voltage	400VAC
AC Current	192A
Size	444*220*720mm

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ESS AC DC Power Module

50KW AC DC ESS Power Module



Model Number	MD-ESS-AD50KW
DC Voltage	580VDC-1000VDC
DC Current	87.5A
Max AC Power	60KW
Max AC Current	87.5A
Size	445*130*1700mm

60KW AC DC ESS Power Module



Model Number	MD-ESS-AD60KW
DC Voltage	580VDC-1000VDC
Max DC Current	87.5A
Max AC Power	60KW
Max AC Current	87.5A
Size	445*130*1700mm

100KW AC DC ESS Power Module



Model Number	MD-ESS-AD100KW
DC Voltage	580VDC-1000VDC
Max DC Current	173A
Max AC Power	400VAC
Max AC Current	145A
Size	444*220*720mm

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ESS DC DC Power Module

30KW DC DC ESS Power Module



Model Number	MD-ESS-DD30KW
Input Voltage	250-850 VDC
Output Voltage	500VDC/1000VDC
Output Current	30A/60A
Efficiency	>96%
Size	300*84*437.5mm

30KW V2G DC DC ESS Power Module



Model Number	MD-ESS-V2G-DD30KW
Charge	
Input Voltage	500-850 VDC
Output Voltage	350-850 VDC
Discharge	
Input Voltage	350-850 VDC
Output Voltage	500-800VDC
Size	300*84*437.5mm

40KW DC DC ESS Power Module



Model Number	MD-ESS-DD40KW
Input Voltage	250-850 VDC
Output Voltage	500VDC/1000VDC
Output Current	30A/60A
Efficiency	>96%
Size	300*84*437.5mm

30KW V2G AC DC ESS Charging Module



Model Number	MD-ESS-V2G-AD30KW
Charge	
Input Voltage	260-486 VAC
Output Voltage	150-1000 VDC
Discharge	
Input Voltage	200-1000 VDC
Output Voltage	260-530VAC
Size	300*84*437.5mm

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DC DC Liquid Cooling Charging Module

40KW DC DC Liquid Cooling Charging Module



Model Number	MD-UAE-LCDD40KW
Input Voltage	250-850 VDC, support DC source, PV Panel Input, MPPT function ready
Output	150 to 1000VDC
Efficiency	96.8% @full load
Size	300*120*460mm

60KW DC DC Liquid Cooling Charging Module



Model Number	MD-U2T-LCDD60KW
Input Voltage	300-840 VDC, (wide Input), PV Panel Input, MPPT function ready
Output	200 to 1000VDC
Efficiency	97% @full load
Size	450*100*700mm

40KW DC DC ESS Liquid Cooling Power Module



Model Number	MD-ESS-LCDD40KW
Input Voltage	250-850 VDC
Output Voltage	500VDC/1000VDC
Output Current	40A/80A
Efficiency	>96%
Size	300*120*460mm

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EV Charging Power Module



Shanghai Mida EV Power Co.,Ltd
Shenzhen Mida EV Power Co.,Ltd

AC DC EV Charging Module

3.5KW AC DC EV Charging Module



Model Number	MD-EVR-3.5KW
Input Voltage	260-480VAC
Input Current	<25A
Output	30 to 100 VDC
Efficiency	93%
Size	125*41*103mm

7KW AC DC Charging Module



Model Number	MD-U2T-7KW
Input Voltage	90-264VAC
Max Input Current	32A
Power Factor	>0.99 @rated power
Output Voltage	200-1000VDC
Size	210*210*84mm

20KW AC DC EV Charging Module



Model Number	MD-1CR-20KW
Input Voltage	380/480VAC
Output	30 to 105 VDC, 7.6 to 200VDC
Output Current	200A
Efficiency	94.5% @full load
Size	240*85*370mm

30KW AC DC EV Charging Module



Model Number	MD-U2T-30KW
Input Voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Noise Level	51 dB
Size	300*84*437.5mm

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AC DC EV Charging Module

30KW 1500V AC DC EV Charging Module



Model Number	MD-UR-30KW
Input Voltage	380-480VAC
Output	1500V/20A
Efficiency	>95%
Maximum Number of Parallel Machines	60 units
Size	300*84*437.5mm

40KW AC DC EV Charging Module



Model Number	MD-U2T-40KW
Input Voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Technology	Full SIC
Size	300*84*437.5mm

40KW AC DC EV Charging Module (Japan Market)



Model Number	MD-XBR-40KW
Input Voltage	480VAC, 3W+PE
Output	150 to 1000VDC
Efficiency	>96%
MTBF	50000 hours
Size	300*84*437.5mm

45KW AC DC EV Charging Module



Model Number	MD-U2T-45KW
Input voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Noise level	51 dB
Size	300*84*437.5mm

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AC DC EV Charging Module

50KW AC DC Charging Module



Model Number	MD-UAA-50KW
Input Voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Noise Level	55dB
Size	385*110*390mm

60KW AC DC Charging Module SIC



Model Number	MD-UR-60KW
Input Voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Maximum Number of Parallel Machines	60 units
Size	300*125*437.5mm

80KW AC DC Charging Module



Model Number	MD-UR-80KW
Input Voltage	260-530VAC
Output	1000V or 1500VDC
Efficiency	97% @full load
Noise Level	58 dB
Certificate	CE, UL

100KW AC DC Charging Module



Model Number	MD-UR-100KW
Input voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	97.2% @full load
Noise level	55 dB
Certificate	CE, UL

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AC DC Liquid Cooling EV Charging Module

40KW AC DC Liquid Cooling Charging Module



Model Number	MD-U2TA-40KW
Input Voltage	260-530VAC
Output	150 to 1000VDC
Efficiency	96.8% @full load
Technology	Full SIC
Size	300*120*460mm

60KW AC DC Liquid Cooling Charging Module



Model Number	MD-U2TA-60KW
Input Voltage	260-530VAC
Output	200 to 1000VDC
Efficiency	96.8% @full load
Technology	Full SIC
Size	450*84*700 mm

75KW AC DC Liquid Cooling Charging Module



Model Number	MD-U2TA-75KW
Input Voltage	260-530VAC
Output	200 to 1000VDC
Efficiency	96.8% @full load
Technology	Full SIC
Size	450*84*700 mm

125KW AC DC Liquid Cooling Charging Module Bidirectional (Non-isolated)



Model Number	MD-U2TA-120KW
Input Voltage	260-480VAC
Output	820VDC
Efficiency	98.5% @full load
Technology	Full SIC
Size	450*100*700mm

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AC DC V2G (Bidirectional) EV Charging Module

11KW AC DC V2G Bidirectional Charging Module



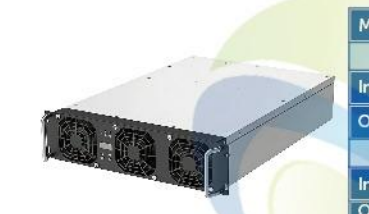
Model Number	MD-V2G-AD11KW
AC to DC Mode	
Input voltage & Current Range	400/480VAC, 3L+N+PE, 0-22A
Output Voltage & Current Range	150VDC-1000VDC, 0-37A
DC to AC Mode	
Input Voltage & Output Power	300 to 1000VDC, 11KW
Output AC voltage & Output Power	320 to 530VAC, 11KW
Full load efficiency	>97% @800V

22KW AC DC V2G Bidirectional Charging Module



Model Number	MD-V2G-AD22KW
AC to DC Mode	
Input voltage & Current Range	150V/1400V/480V, 3L+N+PE, 34A/53A/27A
Output Voltage & Current Range	150VDC-1000VDC, 0-73.3A
DC to AC Mode	
Input Voltage & Output Power	300 to 1000VDC, 11KW
Output AC voltage & Output Power	320 to 530VAC, 11KW
Full load efficiency	>97% @800V

30KW AC DC V2G Bidirectional Charging Module



Model Number	MD-V2G-AD30KW
AC to DC Mode	
Input voltage & Current Range	150V/1400V/480V, 3L+N+PE, 34A/53A/27A
Output Voltage & Current Range	150VDC-1000VDC, 0-73.3A
DC to AC Mode	
Input Voltage & Output Power	300 to 1000VDC, 11KW
Output AC voltage & Output Power	320 to 530VAC, 11KW

40KW AC DC V2G Bidirectional Charging Module



Model Number	MD-V2G-AD40KW
AC to DC Mode	
Input voltage & Current Range	150V/1400V/480V, 3L+N+PE, 34A/53A/27A
Output Voltage & Current Range	150VDC-1000VDC, 0-73.3A
DC to AC Mode	
Input Voltage & Output Power	300 to 1000VDC, 11KW
Output AC voltage & Output Power	320 to 530VAC, 11KW

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V2G (Bidirectional) Liquid Cooling Charging Module

35KW AC DC V2G Liquid Cooling Charging Module



Model Number	MD-V2G-LCAD35K
Input Voltage	180-530VAC
Output	150 to 1000VDC
Efficiency	95.5% @full load
Noise Level	56 dB
Size	123*300*453mm