

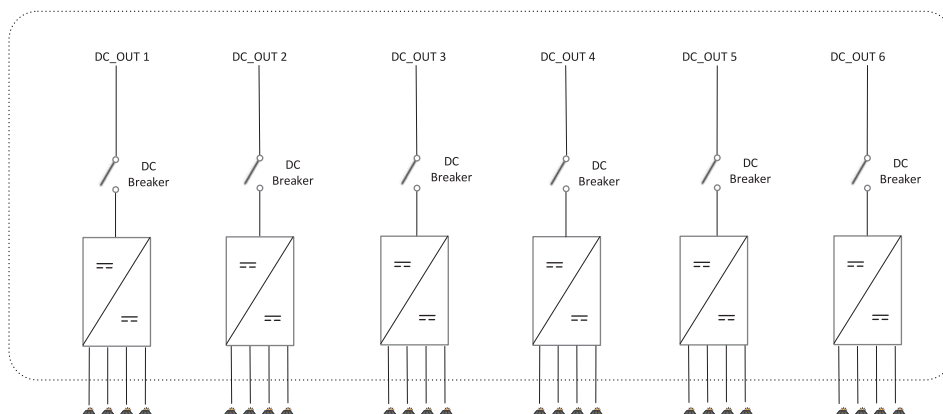
MPPT Cabinet

Neptune-M120/M180/M240/M300/M360



Features

- SiC-MOS in the MPPT module
- Four independent MPPTs in one module
- Compatible with 2-6 modules
- Each module has a output circuit breaker
- Modular design for easy maintenance
- IP54 design



	Neptune-M120	Neptune-M180	Neptune-M240	Neptune-M300	Neptune-M360
PV Input					
Input voltage range	150-1000	150-1000	150-1000	150-1000	150-1000
Full load MPPT voltage range	340-950	340-950	340-950	340-950	340-950
Max. Num.of modular	2	3	4	5	6
Max. PV Power	120kW(60kW*2)	180kW(60kW*3)	240kW(60kW*4)	300kW(60kW*5)	360kW(60kW*6)
Num. of MPPT's per modular	4	4	4	4	4
Max. Num. of strings per MPPT	1	1	1	1	1
Rated current per MPPT	45A	45A	45A	45A	45A
Rated power per MPPT	15kW	15kW	15kW	15kW	15kW
DC Output					
Output voltage range	350-1000V	350-1000V	350-1000V	350-1000V	350-1000V
Full load output voltage	600-950V	600-950V	600-950V	600-950V	600-950V
Max. output total current	200A(100A*2)	300A(100A*3)	400A(100A*4)	500A(100A*5)	600A(100A*6)
Num. of DC output	2	3	4	4	4
Rated output total power	120kW(60kW*2)	180kW(60kW*3)	240kW(60kW*4)	300kW(60kW*5)	360kW(60kW*6)
System data					
DC reverse polarity protection	Yes				
DC output fuse protection	Yes				
DC output breaker protection	Yes				
PV input switch	Yes				
Over current protection	Yes				
Over/Under voltage protection	Yes				
Insulation monitoring	Yes				
Over-heat protection	Yes				
IP level	IP54				
Max. efficiency	>99.2%				
Cooling method	Intelligent air cooling				
Operating temperature range	-40~60℃（45~60℃ derating, derating factor 5%/℃）				
Storage temperature range	-40~70℃（no condensation）				
Relative humidity	0~95%（no condensation）				
Noise	<75dB @1m				
Maximum operating altitude	4000m（derating above 3000m,derating factor 1%/100m）				
PV lightning protection	Type II				
Communication	Ethernet、RS485				
Display	LED				
Dimensions(W*D*H)	650*900*2100mm				
Weight	280kg	305kg	330kg	355kg	380kg
Certificate					
IEC 62109-1、IEC 61000-6-2、IEC 61000-6-4					