

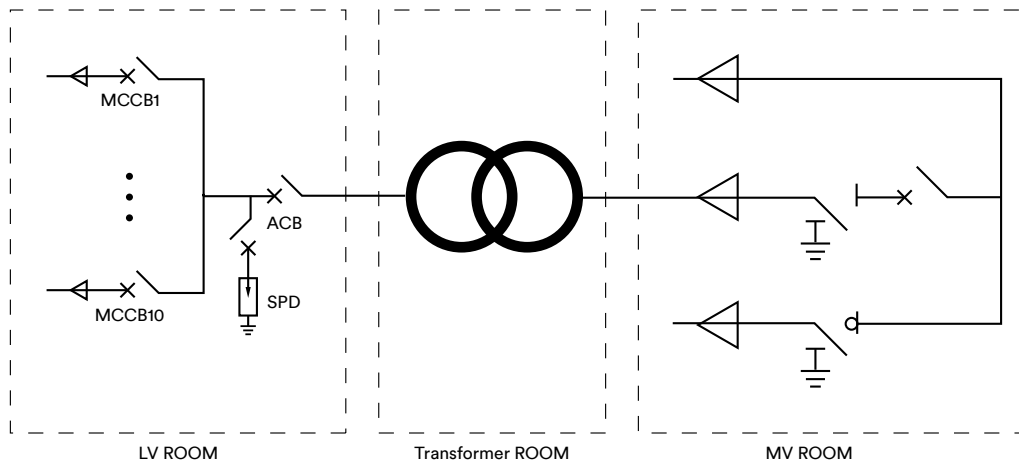
Transformer station 3000 to 9000k

ASW MT series



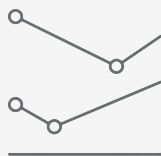
Model:
ASW 3000K-MT

Circuit Diagram:



High Integration

- Standard container design include LV panel, transformer, RMU for easy transportation
- No internal cabling needed onsite, pre-assembled in the factory



Flexible

- Compatible with ASW-HT series inverter
- Up to 9MW block design



Easy O&M

- Modular design, easy to locate and replace faults
- LV panel, transformer and RMU monitored online, remotely controls LV panel and RMU



Reliable

- Components compliance with requirements of standards
- Excellent protection design ensures reliable operation in harsh environments

Transformer	AC power	3,630 kVA @30°C 3,300 kVA @40°C
	LV/MV voltage	0.8 kV/10~35 kV
	Frequency	50 Hz / 60 Hz
	Transformer type	Oil-immersed
	Transformer cooling type	ONAN
	Transformer tapplings	± 2 x 2.5%
	Transformer oil type	Mineral oil (PCB free)
	Transformer vector group	Dy11
	Winding material	AL / AL
	Insulation class	A
	Transformer efficiency	≥ 99%
LV ROOM	Max. LV AC inputs	10
	Rated input voltage	800 V
	LV main switches	ACB (3200 A, 1 pcs)
	LV AC inputs switches	MCCB (400 A, 10 pcs)
MV ROOM	RMU type	SF6 Gas insulated
	Rated output voltage	10~35 kV
	Qty. of feeder	3 feeders
	Internal arcing fault	IAC A 20 kA 1s
	Auxiliary transformer	Dry Type Transformer, 5 kVA, 400 Vac
	UPS	1 kVA
Protection	Transformer detection & protection	Oil level, oil temperature, oil pressure; buchholz
	Protection degree of MV & LV room	IP54
	MV relay protection	50 / 51, 50N / 51N
	LV overvoltage protection	Type I+II
	Anti-rodent protection	● : C4-H ○ : C5-M
General data	Dimensions (W / H / D)	6,058 / 2,896 / 2,438 mm
	Weight	< 19 t
	Operating temperature range	- 25°C ~ 60°C
	Relative humidity	0% ~ 100% (non-condensing)
	Max. operating altitude	● : 2000 m ○ : >2000 m
	LV & MV room cooling	Smart cooling
Communication interface	Modbus-RTU	●
	Ethernet	●
	Optical fiber	○
Feature	MV surge arrester for transformer	○
	2 kVA UPS	○
	Auxiliary transformer 40 kVA	○
	Operating temperature range	-30°C ~ 60°C (Optional)
Compliance	Certificates and approvals	IEC 62271-202, EN 50588-1, IEC 60076, IEC 62271-200, IEC 61439-1/-2

