

# Twin Skid Compact

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**Turn-key solution.**

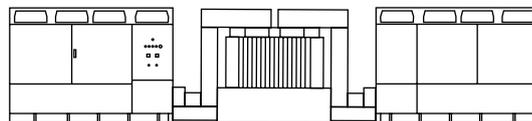
**Easy and fast connection.**

**Compact design reducing space requirements.**

**Simplifies commissioning.**



# Twin Skid Compact



RATINGS	Power range @ 30 °C	10480 kVA - 10720 kVA	
	Power range @ 35 °C	10040 kVA - 10300 kVA	
	Power range @ 40 °C	9600 kVA - 9880 kVA	
	Power range @ 50 °C	8720 kVA - 9040 kVA	
MEDIUM VOLTAGE EQUIPMENT	MV voltage range	11 kV / 13.2 kV / 13.8 kV / 15 kV / 20 kV / 22 kV / 23 kV / 25 kV / 30 kV / 33 kV / 34.5 kV / 35 kV / 36 kV	
	LV voltage range	690 V / 720 V	
	Transformer cooling	ONAN / KNaN	
	Transformer vector group	Dy11y11	
	Transformer protection		Protection relay for pressure, temperature (two levels) and gassing
			Monitoring of dielectric level decrease
			PT100 optional.
	Transformer index of protection		IP54
	Transformer losses		IEC standard or IEC Tier-2.
	Oil retention tank		Galvanized steel. Integrated with hydrocarbon filter. Optional
	Switchgear configuration <sup>[3]</sup>		Double feeder (2L)
	Switchgear protection <sup>[3]</sup>		Circuit breaker (V)
	Switchgear short circuit rating <sup>[1]</sup>		16 kA 1 s (optionally 20 kA or 25 kA)
	Switchgear IAC <sup>[1]</sup>		A-FLR 16 kA 1 s (optionally 20 kA or 25 kA)
CONNECTIONS	LV-MV connections	Close coupled solution (plug & play)	
	LV protection	Motorized circuit breaker included in the inverter	
	HV AC wiring	MV bridge between transformer and protection switchgear prewired	
ENVIRONMENT	Ambient temperature range <sup>[2]</sup>	-25 °C... +60 °C (T > 30 °C power derating)	
	Maximum altitude (above sea level) <sup>[1]</sup>	Up to 1000 m (optionally up to 4000 m)	
	Relative humidity	4% to 95% non condensing	
AUXILIARY SERVICES	User cabinet	Integrated in the inverter (by default). Optionally, LV cabinet in the skid	
	UPS system <sup>[1]</sup>	1 kVA / 1 kW (12 minutes). Optional	
OTHER EQUIPMENT	Safety mechanism	Interlocking system	
	Fire suppression system	Transformer oil retention tank accessory. Optional	
STANDARDS	Compliance	IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1	

## NOTES

- [1] Consult with Power Electronics for other options.  
 [2] For lower temperatures, consult with Power Electronics.  
 [3] SF6 free optional available.