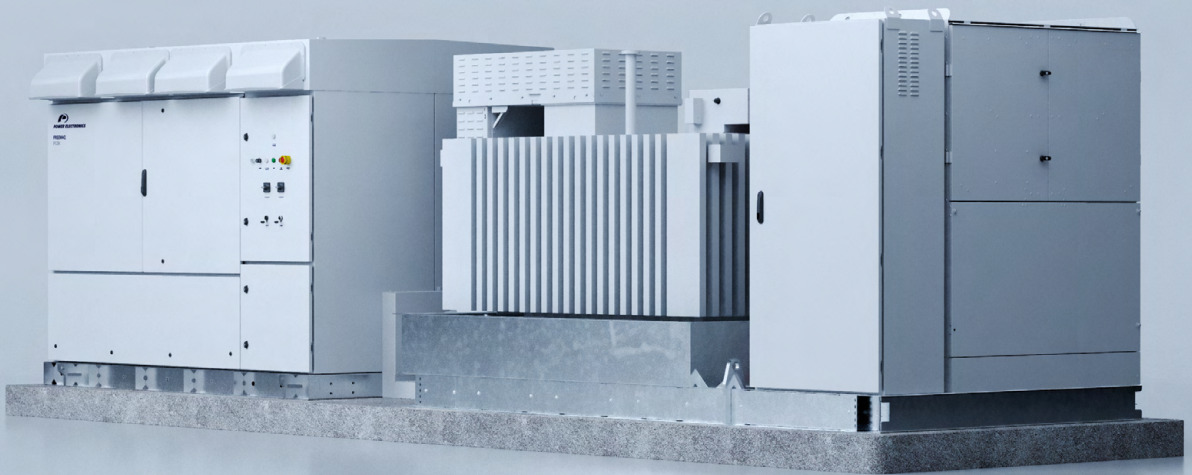
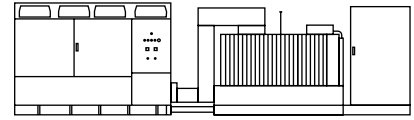


MV Skid Compact

Turn-key solution.
Easy and fast connection.
Compact and versatile.
Simplifies commissioning.



MV Skid Compact



RATINGS	Power range @ 30 °C	5240 kVA - 5360 kVA	
	Power range @ 35 °C	5020 kVA - 5150 kVA	
	Power range @ 40 °C	4800 kVA - 4940 kVA	
	Power range @ 50 °C	4360 kVA - 4520 kVA	
MEDIUM VOLTAGE EQUIPMENT	MV voltage range	6.6 kV / 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	Dy11	
	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 ^[3]	Double feeder (2L)	
	Switchgear protection ^[3]	Circuit breaker (V)	
	Switchgear short circuit rating ^[1]	16 kA 1 s (optionally 20 kA or 25 kA)	
	Switchgear IAC ^[1]	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 ^[2]	-25 °C... +60 °C (T > 30 °C power derating)	
	Maximum altitude (above sea level) ^[1]	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 ^[1]	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

v.2.0.0

[1] Consult with Power Electronics for other options.

[2] For lower temperatures, consult with Power Electronics.

[3] SF6 free optional available.