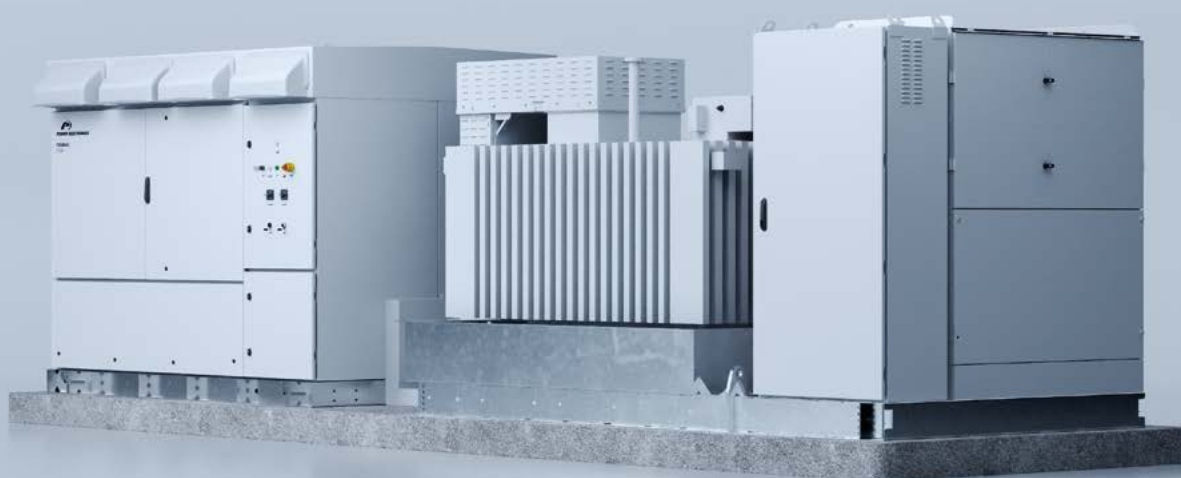
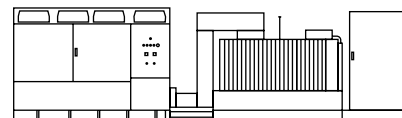


MV Skid Compact

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



MV Skid Compact



RATINGS	Power range @ 40 °C	1525 kVA - 4390 kVA
	Power range @ 50 °C	1415 kVA - 4075 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
	LV voltage range	480 V / 500 V / 530 V / 600 V / 615 V / 630 V / 645 V / 660 V / 690 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
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... +50 °C (T > 50 °C power derating)
	Maximum altitude (above sea level) ^[1]	Up to 1000 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 tank retention accessory. Optional.
STANDARDS	Compliance	IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1

NOTES

v. 1.1.0

[1] Consult with Power Electronics for other options.

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

[3] SF6 free optional available.