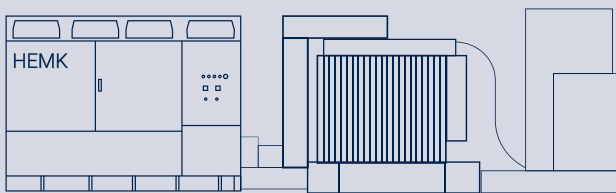


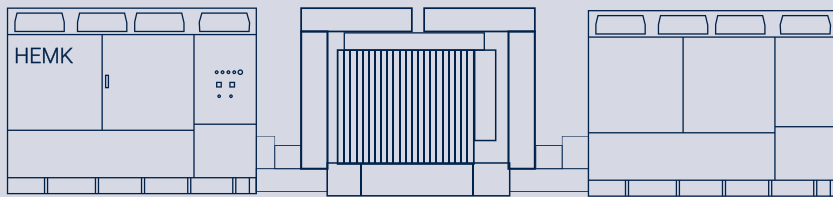
Combine the HEMK with our **MV stations.**
Utility scale solar stations.

MV Skid Compact & Twin Skid Compact

From low to medium voltage.



MV SKID COMPACT



TWIN SKID COMPACT

MV STATIONS

MV Skid Compact

RATINGS	Power range @ 40 °C	1910 kVA - 4390 kVA	
	Power range @ 50 °C	1775 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	600 V / 615 V / 630 V / 645 V / 660 V / 690 V	
	Transformer cooling	ONAN	
	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	Double feeder (2L)	
Switchgear protection	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

[1] Consult with Power Electronics for other options

[2] For lower temperatures, consult with Power Electronics

Twin Skid Compact

RATINGS	Power range @ 40 °C	3820 kVA - 8780 kVA	
	Power range @ 50 °C	3550 kVA - 8150 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	
	LV voltage range	600 V /615 V /630 V / 645 V / 660 V / 690 V	
	Transformer cooling	ONAN	
	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	Double feeder (2L)	
	Switchgear protection	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/0.8 kW (10 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

[1] Consult with Power Electronics for other options.

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