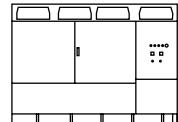


Statcom

DS 1.0

Modularity
Easy maintenance
Comply with most demandig grid codes
Grid support without DC source





REFERENCES	FRAME 2	FRAME 3	FRAME 4
NUMBER OF MODULES	FT1900	FT2850	FT3800
	2	3	4
AC Output Power (kVA/kW) @50°C [1]	1900	2850	3800
Max. AC Output Current (A) @50°C	1590	2385	3180
Operating Grid Voltage (VAC)	690V ±10%		
Operating Grid Frequency (Hz)	50/60Hz		
Current Harmonic Distortion (THDI)	< 3% per IEEE519		
EFFICIENCY	Efficiency (Max) (%)	98.84%	98.87%
	Dimensions [WxDxH] (ft)	9.8 x 6.5 x 7.2	
	Dimensions [WxDxH] (m)	3.0 x 2.0 x 2.2	
CABINET	Weight (lbs)	11465	11795
	Weight (kg)	5200	5350
	Type of Ventilation	Forced air cooling	
	Degree of Protection	NEMA 3R / IP55	
ENVIRONMENT	Operating Temperature Range [2]	From -25°C to +60°C, >50°C power derating	
	Operating Relative Humidity Range	From 4% to 100% non-condensing	
	Storage Temperature Range	From -15°C to +40°C	
	Max. Altitude (above sea level)	2000m / >2000m power derating (Max. 4000m)	
CONTROL INTERFACE	Communication Protocol	Modbus TCP	
	Power Plant Controller	Optional	
	Keyed ON/OFF Switch	Standard	
PROTECTIONS	Ground Fault Protection	Isolation monitoring device	
	Humidity Control	Active Heating	
	General AC Protection & Disconn.	Circuit Breaker	
	Ovvoltage Protection	Type 2	

NOTES

[1] Values at 1.00-Vac nom. Consult Power Electronics for derating curves.

[2] Optional available for temperatures down to -35°C.