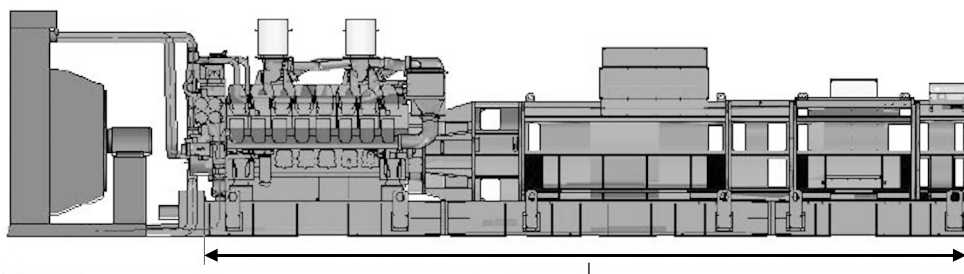
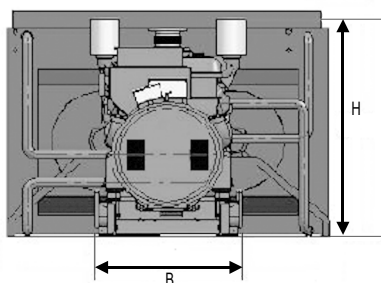


Dynamic Diesel UPS - Technical Data - 83

Guide to Single Output Range Ratings

Rating kVA	Length L (mm)	Width B (mm)	Height H (mm)	Weight (kg)
150	4900	1320	1690	6100
250	5200	1320	1690	7600
350	5400	1320	1780	8500
475	5400	1320	1890	12900
600	6200	1540	2400	16500
800	7050	1540	2400	18500
1000	7550	1540	2600	22000
1250	7800	1590	2600	23000
1500	8000	1590	2790	24510
1750	8500	1590	2790	26435
2000	8500	1800	2790	27730
2500	8800	1800	2790	29350



Available Standard Specification (*The DUPS solution can be tailored to site specific requirements)

Input	Voltage:	380-415V, 50Hz 440-480V, 60Hz Up to 11kV direct connection (via Tx to 33kV)	General	Altitude	300m AMSL*
	Voltage Tolerance:	+/- 10% (+/- 20% option)		Ambient	40 Deg C*
	Power Factor:	>0.98 0-100% load		Relative Humidity	0-95%*
	THID:	<2% (Meets G5/4)		Protection	IP23*
Output	Voltage Static:	+/- 1,0%		Reliability	>1,000,000 hours
	Voltage Dynamic*:	a) + 10% Load Change	Maximum voltage drop + 1,5%	Recovery Time	<0,2 sec
		+ 30% Load Change	Maximum voltage drop + 3,0%		
		+ 50% Load Change	Maximum voltage drop + 5,0%		
		+ 100% Load Change	Maximum voltage drop + 10,0%		
	b) Short circuit on incoming feeder +/- 10%				
	Frequency:	a) During mains operation = mains frequency b) Mains failure to diesel engine operation with 100% active load c) Static - during diesel engine operation			+ 1% + 0.2%
	Overload Capacity:	10% of rated load for a period of 1 hour 25% of rated load for a period of 10 minutes 50% of rated load for a period of 2 minutes			
	Power Factor:	0.8			
	Efficiency:	up to 97%			
	Short Circuit Capacity:	>15 FLC			
	Load Crest Factor:	Unlimited			
	Unbalanced Load Capability:	100%			