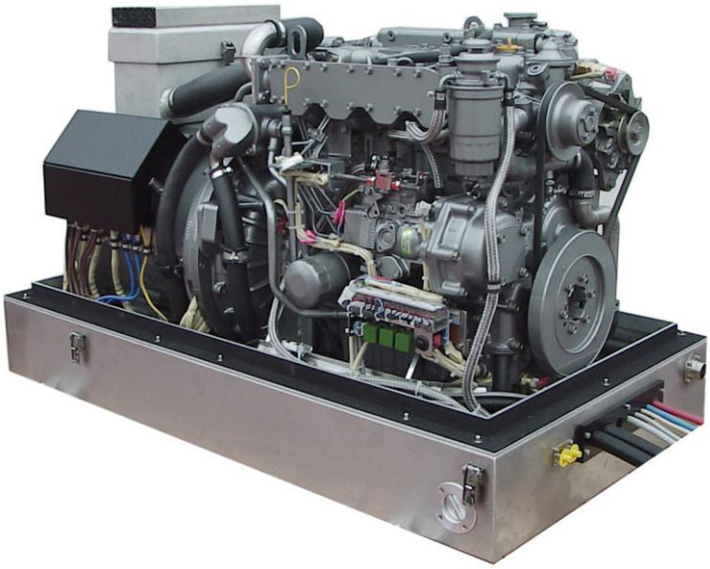
Panda PMS 65 YA



A - General technical data Marine Generator - Panda 65 YA PMS		
Model.:	Panda 65 YA PMS	
Area of Application.:	M (Marine Generator)	
Generator Version.:	PMS	
Generator Type	PSA - Panda Standard Asynchronous	
Frequency	50	[Hz]
Nominal Speed	3000	[rpm]
Alternator Standard Version.:	HP3	

Nominal Performance	55.20	[kW]
Nominal Performance	64.9	[kVA]
Continuous Performance	49.7	[kW]
Continuous Performance	58.4	[kVA]
B - Alternator General Data		
Power rating factor Cos Pi	0.85	
Voltage Regulation	VCS	
Voltage Tolerance with VCS (up to 80% Performance	± 3	[Volt]
Generator manufacturer	FISCHER PANDA	
Shielded to prevent radio interference	accordance with VDE 0875	
Isolation class of windings	F	
Excitation by	MKP Capacitors	

C - Performance Data for electrical Generator (Alternator)		
Data HP3 Coil (Three Phase Version) - Standard version		
Alternator Type "HP3" (High Performance 3 phase winding). Produces 3-phase current (400 V), but 230 V single phase is included, but must be distributed to 3 phases.		
Alternator Type	HP3	
Nominal Voltage in Volt	3x400+N	[Volt]
Nominal Performance in kW	55.20	[kW]

Nominal Performance in kVA	64.9	[kVA]
Continuous Performance in kW	49.7	[kW]
Continuous Performance in kVA	58.4	[kVA]
Number of Phases	3	
Rated current each Phase in Ampere	93.8	[A]
Continuous current each Phase in Ampere	84.4	[A]
Frequency in Hertz	50	[Hz]

Data DVS Coil (3 phase + 1 phase Version) - Optional - This version available on request		
The Alternator Type "DVS" (Dual Voltage System) comprises of two seperate windings (1-phase and 3-phase) within the stator. The alternator comprises a 3-phase (400V) winding and a 1-phase (230V) winding. The windings are electrically isolated within same stator. This alternator type has a 12% reduction in performance, compared to the HP1 resp. HP3 winding type because the cross-section of the windings are reduced in order to fit both windings within the housing.		
DVS Winding - 1 phase		
Nominal Voltage in in Volt	230	[Volt]
Nominal Performance (P) in kW	48.6	[kW]
Nominal Performance (S) in kVA	57.2	[kVA]
Continuous Performance in kW	43.7	[kW]
Continuous Performance in kVA	51.5	[kVA]
Number of Phases	1	
Rated current each Phase in Ampere	248.7	[A]
Continuous current each Phase in Ampere	223.9	[A]

Frequency	50	[Hz]
DVS Winding - 3 phase		
Nominal Voltage in Volt	3x400+N	[Volt]
Nominal Performance (P) in kW	48.6	[kW]
Nominal Performance (S) in kVA	57.2	[kVA]
Continuous Performance in kW	43.7	[kW]
Continuous Performance in kVA	51.5	[kVA]
Number of Phases	3	
Rated current each Phase in Ampere	82.7	[A]
Continuous current each Phase in Ampere	74.4	[A]
Frequency in Hertz	50	[Hz]

D - Dimension Sound cover (generator housing)

Capsule MPL 6DS - Standard Sound Insulation Capsule		
Description	MPL 6DS	
Material	MPL (Stainless Steel Strip 1.4301 / K240)	
Sound Insulation Material	6DS - 5 to 6 layers, thickness approx. 60 mm	
Dimensions Housing L x W x H *)	1360 x 710 x 950	[mm]

*) The dimensions are for the sound insulation housing ONLY and do not include additional parts or fittings such as fasteners, closures or mounting brackets etc.
Therefore please Note You must consider the additional space will need to be calculated for the installation. This is of importance when planning the installation with respect of cables, hoses and mounting feet.

E - Engine Data		
Engine Manufacturer	Yanmar (YA)	
Group	J03	
Engine Type	4JH3HTE	
No. Cylinders	4	
Bore and Displacement	1995	[ccm]
Bore x Displacement	84 x 90	
Injection Principle	direct	
Engine Charging	Turbo-Intercooler	