

TRANSFORMER DATA SHEET		
Project Name:		
Quote Number:		
Manufacturer:	Wilson Power Solutions Ltd	
Applicable Standard:	IEC 60076	
General Arrangement Dwg #:	WPS6366-GA-001	
Transformer Rating:	kVA	4000
Rated High Voltage @ No Load:	Volts	33000
Rated Low Voltage @ No Load:	Volts	400
Minimum Insulation class HV LI:	kV	170
Minimum Insulation class HV AC:	kV	70
Minimum Insulation class LV LI:	kV	-
Minimum Insulation class LV AC:	kV	3
Insulating Fluid:		Mineral Oil
Fans:		No
Pumps:		No
Type of Cooling:		ONAN
Number of Phases:		3
Frequency:	Hz	50
Vector Group:		Dyn11
Impedance Voltage (Z):	%	7
Core Material:		CRGO
No Load Losses:	W	2650
Load Losses @ 75°C:	W	43000
Losses as per EU Regulation No. 548/2014		Meets Tier-1 Requirement
Resistance	%	1.08
Reactance	%	6.92
Regulation type:		DETC
Tapping on HV:	%	+5.0, +2.5, 0.0, -2.5, -5
Design Ambient Temperature:	°C	40
Temp Rise of Top Oil:	°C	60
Temp Rise of Winding:	°C	65
Altitude:	m	<1000
Pollution class:		C4
HV Conductor Material:		Copper
LV Conductor Material:		Copper
Paint Finish Colour:		Dark Admiralty Grey(BS 632 shade)
Transformer Type:		Hermetically sealed, bolted cover, tank attached cooler bank
HV termination type:		36kV,3Pole,Cable Box(with type C 630A euromold bushings) suitable for 1 cable per phase

LV termination type:		1.1kV,4Pole,Cable Box suitable for 6 cables per phase & 7 Cables for neutral
Neutral:		Located inside - cable box
Harmonis distortion:	THD%	<5%
Accessories:		
Drain Valve		Yes
Radiator Valves		Yes
Sampling Valve		Yes
Dehydrating Breather		No
Pressure Relief Device		Yes
Oil Temperature Indicator		Yes
Buchholz unit		No
Winding Temperature Indicator		Yes
Magnetic Liquid Level Indicator		Yes
Conservator		No
HV CTs		No
LV CTs		No
Neutral CTs		No
Disconnecting links HV		No
Disconnecting links LV		No
Marshalling box		Yes
Bund		No
Overall Dimensions:		
Length	mm	2970
Width	mm	2945
Height	mm	2511
Oil	L	2330
Weight:	kg	9950
Testing Requirement:		
Routine tests		Yes
Lighting Impulse		No
Chopped impules		No
Temperture rise test		No
Noise test		No
Dissolved gas analysis		No
Frequency response analysis		No
CT checks		No
Other information		
Comments: All losses, dimensions & weights are provisional only subject to confirmation		