



www.HardyDiesel.com 800 341 7027

SQ Series SQ-33

MODEL	Unit	SQ-33		
Type	-	Revolving field, brushless AC Generators		
Frequency	Hz	60		
Standby Output	kVA (kW)	34.8 (27.8)		25.2 (25.2)
Prime Output	kVA (kW)	33.1 (26.5)		24.0 (24.0)
Voltage - Single Phase	V	-	-	120/240
Voltage - 3 Phase	V	408	240	-
Armature Connection	-	Star with neutral		Zig-Zag
Phase / Wire	-	3-12		
Power Factor	-	0.8		1.0
No. of Poles	-	4		
Insulation	Class	H		
Voltage Regulation	%	2.5 (No load to full load)		
Type of Coupling	-	Direct coupled		
AMPS				
Single Phase 120V	A	-	-	100.0 x 2
Single Phase 240V	A	-	-	100.0
Three Phase 208V	A	-	79.6	-
Three Phase 480V	A	39.8	-	-
NO. OF RECEPTACLE				
5-20RA (GFCI)	-	1		
L5-30R	-	1		
L4-30R	-	1		
CS-6369	-	2		
TERMINAL				
Terminal	-	Available		
DIESEL ENGINE				
Type	-	Vertical, liquid-cooled, 4-cycle diesel engine		
Model	-	V3300		
No. of Cylinders	-	4		
Bore x Stroke	mm (in.)	98 x 110 (3.86 x 4.33)		
Displacement	L (cu. in.)	3.318 (202.5)		
Engine Speed	rpm	1800		
Continuous Rated Output	kW (HP)	29.9 (40.1)		
Lubricant (API classification)	-	above CF grade		
Oil Capacity	L (qts.)	13.2 (13.9)		
Coolant Capacity	L (qts.)	9.5 (10.0)		

Starting System	-	Electric - 12 volt DC
SET		
Fuel	-	Diesel fuel No.2 (ASTM D975)
Fuel Consumption	at Full Load	L/h (gal./h) 9.0(2.38)
	at 3/4 Load	L/h (gal./h) 6.96 (1.84)
	at 1/2 Load	L/h (gal./h) 5.31 (1.40)
	at 1/4 Load	L/h (gal./h) 3.81(1.01)
Fuel Tank Capacity	L (gal.)	81.4 (21.5)
Continous Operation Hours	at Full Load	h 9.0
	at 3/4 Load	h 11.7
	at 1/2 Load	h 15.3
	at 1/4 Load	h 21.4
Battery (Ah/5h)	-	12V (92Ah)
Dimensions L x W x H	mm (in.)	2047 x914 x 1044 (81.9 x 36.6 x 41.8)
Approx. Net Weight	kg (lbs.)	917 (2017)
Sound Level (Full Load at 23 ft. [7m])	dB (A)	65.0
Emergency Stop System	-	In case of abnormal: Oil pressure, water temperature, fan belt broken When the side cover and door open with running