



www.HardyDiesel.com 800 341 7027

SQ Series SQ-21

MODEL	Unit	SQ-21
Type	-	Revolving field, brushless AC Generators
Frequency	Hz	60
Standby Output	kVA (kW)	21.6 (21.6)
Prime Output	kVA (kW)	20.6 (20.6)
Voltage - Single Phase	V	120/240
Armature Connection	-	Series
Phase / Wire	-	1-3
Power Factor	-	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	85.8 x 2
Single Phase 240V	A	85.8
NO. OF RECEPTACLE		
5-20RA (GFCI)	-	1
L5-30R	-	1
CS-6369	-	2
TERMINAL		
Terminal	-	Available
DIESEL ENGINE		
Type	-	Vertical, liquid-cooled, 4-cycle diesel engine
Model	-	V2403-M
No. of Cylinders	-	4
Bore x Stroke	mm (in.)	87 x 102.4 (3.43 x 4.03)
Displacement	L (cu. in.)	2.434 (148.5)
Engine Speed	rpm	1800
Continuous Rated Output	kW (HP)	23.7 (31.8)
Lubricant (API classification)	-	above CF grade
Oil Capacity	L (qts.)	9.5 (10.0)
Coolant Capacity	L (qts.)	7.8 (8.2)
Starting System	-	Electric - 12 volt DC
SET		
Fuel	-	Diesel fuel No.2 (ASTM D975)
Fuel Consumption	at Full Load L/h (gal./h)	6.82 (1.80)
	at 3/4 Load L/h (gal./h)	4.94 (1.31)

	at 1/2 Load	L/h (gal./h)	3.60 (0.95)
	at 1/4 Load	L/h (gal./h)	2.54 (0.67)
Fuel Tank Capacity		L (gal.)	81.4 (21.5)
Continous Operation Hours	at Full Load	h	11.9
	at 3/4 Load	h	16.5
	at 1/2 Load	h	22.6
	at 1/4 Load	h	32.0
Battery (Ah/5h)		-	12V (64Ah)
Dimensions L x W x H		mm (in.)	1845 x 914 x 1044 (73.8 x 36.6 x 41.8)
Approx. Net Weight		kg (lbs.)	726 (1605)
Sound Level (Full Load at 23 ft. [7m])		dB (A)	64.0
Emergency Stop System		-	In case of abnormal: Oil pressure, water temperature, fan belt broken When the side cover and door open with running