

COMPACT DIESEL POWER

PERFORMANCE

JAPAN
QUALITY

RELIABILITY



TAIYO
ELECTRIC CO., LTD.

KEY FEATURES

1. Compact, light weight design allows for easy transport and storage
2. Safe and easy operation with wider access for economical maintenance
3. Environment friendly FCS (Fluids Containment System) as standard
4. Fully bunded fuel tank with long (24 hour) run capacity
5. Complies to AS/NZS standard for electrical regulation
6. Reliable and high performance unit that has a sturdy construction
7. Fork lifting pockets integrated into base with dragging provisions and twin lifting lugs for safe and easy handling

SPECIFICATIONS

MODEL	CG-22000	CG-24000
Generator make (model)	Taiyo Electric - Japan (PX-320K1)	
Generator type & insulation	Revolving field, self excited, brushless AC generator with Class H insulation	
Generator voltage & frequency	415 VAC @ 50 Hz	380 VAC @ 60 Hz
Generator output @ 0.8 PF	Standby = 22 kVA Prime = 20 kVA	Standby = 24 kVA Prime = 22 kVA
Generator phase & wires	3 phase & 12 wire	
Generator voltage regulation	3.5% (No load to full load)	
Diesel engine make (model)	IHI Shibaura - Japan (N844L-D)	
Diesel engine type	4 cylinder, water cooled, overhead valve, vertical in-line	
Bore x Stroke	84 mm x 100 mm	
Cylinder displacement	2.216 Liters	
Engine speed	1500 rpm	1800 rpm
Engine output	19.6 kW	23.5 kW
Engine oil capacity & type	8.2 Liters (Oil type: API-CF class or higher, SAE 10W-30)	
Engine coolant capacity	7.1 Liters	
Fuel tank capacity & type	100 Liters (Diesel type: SAE J313 No. 2D)	
Genset fuel consumption	4.2 Liters at full load	
Genset noise (Full load)	64 dBA @ 7 meters	66 dBA @ 7 meters
Genset starting system	Electric	
Genset battery (V-Ah)	12V - 55Ah	
Operating temperature range	-15 deg. C to +40 deg. C	
Dimensions	L 1500mm x W 817mm x H 1400mm	
Net Weight	685 Kg	

NOTE: Voltage selection available per customer requirement

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