



BYC350—BYC1600

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BOYE MODEL		BYC350		BYC360		BYC375		BYC412		BYC500		BYC550		BYC650		BYC688		BYC825		BYC880		BYC1000		BYC1100		BYC1250		BYC1375		BYC1600			
		PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP	PRP	ESP		
Gen Power (KW)		240	260	256	280	275	300	300	330	360	400	400	440	NA	520	NA	550	600	660	640	704	728	800	800	880	NA	1000	1000	1100	1200	1320		
Engine Power (KW)		282	310	284	321	313	343	343	377	403	448	448	504	NA	575	NA	610	664	731	711	789	813	895	880	970	NA	1090	1097	1227	1287	1429		
Engine Model		MTAA11-G3		NTA855-G1B		NTA855-G2A		NTAA855-G7		KTA19-G3		KTA19-G4		KTA19-G8		KTAA19-G6A		KTA38-G2		KTA38-G2B		KTA38-G2A		KTA38-G5		KTA38-G9		KTA50-G3		KTA50-GS8			
Engine Manufacturer		CCEC（Chongqing Cummins Engine Com Ltd）																															
Engine Structure		6 in line, 4 stroke, turbocharged														4 stroke, turbocharged, water-air cool																	
		Air-Air Cool		Water-Air Cool				Air-Air Cool				Water-Air Cool						Air-Air Cool				V 12 cylinder										V 16 cylinder	
Cooling System		50℃ max radiator, fan belt drive, with safety guard																															
Starting		24V DC Start, with charging alternator																															
Governor		Electronic																															
Displacement (L)		10.8		14						18.9										37.8										50.3			
Bore X Stroke (mm)		125×147		140×152						159×159																							
Compression Ratio		15		14		14		14		14.5		14.5		13.9		13		14.5		14.5		14.5		13.9		13.9		13.9		14.9			
Fuel Cons 100% (L/h)		61		67		72		85		97		107		132		128		167		170		191		209		221		274		303			
Oil Cons		≤0.24L/h								≤4g/kWh																							
Air Cons (m³/min)		322		375		425		510		533		579		635		750		920		1126		1126		1213		1309		1643		1655			
Exhaust Gas(m³/min)		950		980		1126		1150		1489		1604		1773		2054		2643		3225		3225		3306		3539		4529		4350			
Exhaust Tem (℃)		545		485		563		451		532		557		579		584		552		536		536		513		529		585		510			
Oil Capacity (L)		39		36.7		36.7		38.6		50				50		50		135		135		135		135		135		177		204			
Coolant Capacity (L)		61		85		85		64		106				116.5		116.5		252		252		252		258		336		350		400			
Power Output		MCCB, with short circuit protection																															
Alternator Data		Voltage Regulation (idle load): ≥±5%; Voltage Regulation(stable state): ≤±1%; Insulation Class/Protection Grade: H/IP23; TIF<50/THF<2%																															
Accessories		Starting batteries(Maintenance-Free & Watering-Free), a set of connective wires, a suit of ripple flex exhaust pipe, exhaust siphon, muffler;																															
Dimension (mm)		3100×1100×1650		3030×1100×1850		3030×1100×1850		3250×1100×1850		3400×1360×1980				3500×1570×2050		3700×1570×2080		4550×2060×2430				4800×2060×2430		5000×2200×2500		4950×2060×2350		4980×2200×2480					
Weight (kg)		2650		2950		2950		3200		4100		4150		4500		4550		6850		7000		7150		7500		8000		12000		13000			
c/ w Ta nk	Dimension(mm)	3100×1100×1750		3030×1100×1900		3030×1100×1900		3250×1160×1900		3400×1360×2090				3500×1570×2050		3700×1570×2080		4550×2060×2450				4800×2060×2450		/		/		/					
	Weight (kg)	2850		3150		3150		3450		4200		4500		4600		4650		6900		7050		7200		7550		/		/		/			
	Fuel capacity(L)	500		520		520		600		780				820				1090		1180				/		/		/					
Soundproof dim(mm)		4225×1460×2150								4630×1660×2250				5030×1860×2550				ISO20'ft Container (6058×2438×2591)															

- PRP: Prime Power – Continuous duty operation, under variable load 24/24H-10%, over load permissible 1 hour/12hours;
- ESP: Standby Power Duty, operation under variable load, without over load;
- The data is only for your reference, but not for use of sales.