

YC6T (320-550kW) Series



FEATURES

4-valve and advanced injector provide better combustion

Yuchai sealing technology in piston ring and valve oil seal, giving protection in the toughest conditions and improving lube oil consumption

High fuel efficiency and low maintenance cost

Operator and nature friendly with low noise and vibration

Reliable cold starts at -25°C and applicable altitude at ≤2500m without derating

Good transient response and steady-state performance

Technical Specifications

MODEL	YC6T550L-D21	YC6T600L-D22	YC6T660L-D20	YC6T660L-D21	YC6T700L-D20	YC6TD780L-D20	YC6TD840L-D20
Type	Vertical, in-line, water-cooled, four stroke						
Intake way	Turbo charging and inter-cooled						
No. of cylinders – Bore × Stroke (mm)	6-145×165					6-152×180	
Displacement of piston (L)	16.35					19.598	
Compression ratio	14:01						
Prime power / Speed (kW/r/min)	368/1500	401/1500	441/1500	441/1800	468/1500	520/1500	560/1500
Standby power / Speed (kW/r/min)	405/1500	441/1500	485/1500	485/1800	515/1500	572/1500	616/1500
Lowest fuel consumption g/(kW·h)	≤195						
Oil capacity (L)	52						
Oil consumption g/(kW·h)	≤0.9						
Starting way	Electrical starting						
Noise limit dB(A)	≤102						
Emission	T2						
Applicable altitude (m)	≤2500						
Overall dimension (length × width × height) (mm)	2050×1060×1600					2050×1200×1600	
Net weight of engine (kg)	1980					2200	