M/s. Apex Engineering
Ashok Leyland PSB : Leypower CPCB4+ Technical Dossier

Proprietor: Mr. Sumit Kumar (B.Tech · 15+ Yrs OEM)
Plot No. 35, 36, Vaishali Shilpgram Pal Yojna, Pal Gaon, Jodhpur - 342014
+91 89684 34360 · info@apexsumit.com · GSTIN: **08BIFPK1646G1ZC**

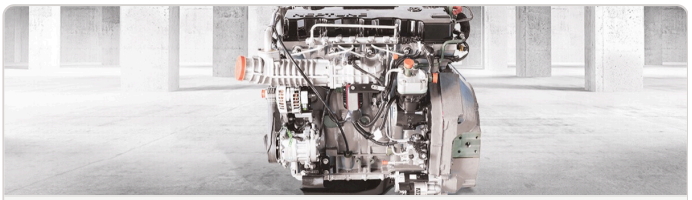
ASHOK LEYLAND POWER SOLUTIONS BUSINESS (PSB : LEYPOWER)

CPCB4+ Diesel Generator Systems (15 kVA – 250 kVA)

Factory CPCB4+ ultra-low-emission enclosed diesel generator portfolio aligned for hospitals, sandstone/granite units, stone crushers, hospitality, and continuous EPC campuses across Western Rajasthan.



PSB : Leypower CPCB4+ Acoustic Enclosed Series (15–250 kVA)



CRDi Aftertreatment Architecture (DOC + DPF + SCR) & AMF Control

Complete Factory CPCB4+ Rating Matrix (15 kVA – 250 kVA · 50 Hz · 0.8 PF)

MODEL	KVA / KWE	ENGINE & DISPLACEMENT	DIMENSIONS (L×W MM)	CONTROLLER / OIL GRADE	KEY APPLICATIONS
LP15	15 kVA 12.0 kWe	H2G4DM15 · 2-Cyl NA 2.0 L (14.6 kW) · 676 kg	1750 × 1000 × 1200 (55 L Fuel Tank)	GC 902 AMF 600 hr Gulf XLE	Showrooms, Clinics, Petrol Pumps, BTS
LP25	25 kVA 20.0 kWe	CPCB4+ Diesel 1.5 L (25 kW / 33.3 HP)	2000 × 1000	Digital AMF 500 hr Gulf XLE	Boutique Resorts, Clinics, Workshops
LP30	30 kVA 24.0 kWe	CPCB4+ Diesel 1.5 L (28 kW / 37 HP)	2000 × 1000	Digital AMF 500 hr Gulf XLE	Retail, Fuel Stations, Cold Rooms
LP35 / LP40	35–40 kVA 32.0 kWe	Heavy Prime Diesel 3.84 L (39 kW / 52 HP)	2500 × 1200	Digital Telemetry 750 hr Gulf XLE	Hotels, Dal/Flour Mills, Fabrication
LP45	45 kVA 36.0 kWe	Heavy Prime Diesel 3.84 L (42.5 kW / 56.5 HP)	2500 × 1200	Digital AMF 750 hr Gulf XLE	Nursing Homes, Chillers, Machine Shops
LP60	60 kVA 48.0 kWe	Prime Diesel 3.84 L (54 kW / 72 HP)	2700 × 1200	Digital AMF 750 hr Gulf XLE	Hospitals, Weighbridges, Plant Utils
LP75 / LP82.5	75–82.5 kVA 66.0 kWe	H-Series CPCB4+ 4.0 L (78 kW / 104 HP)	2850 × 1300	Digital AMF 750 hr Gulf XLE	Stone Saws, Dairies, Pipe Plants
LP100	100 kVA 80.0 kWe	H4C4D100 / H6C4D100 3.84 L – 5.76 L	3200 × 1350	GC Digital AMF 750 hr Gulf XLE	Crusher Auxiliaries, Multi-Blade Saws
LP125	125 kVA 100.0 kWe	H6C4D125 CPCB4+ 5.76 L · 6-Cyl Turbo	3400 × 1400	GC Digital AMF 750 hr Gulf XLE	Granite Polishing, Pipe & Plastics
LP160	160 kVA 128.0 kWe	H6G4DE160 CPCB4+ 5.76 L · 6-Cyl CRDi	3700 × 1450	GC Auto-Sync 750 hr Gulf XLE	Screw Air Plants, Textile Looms, Resorts
LP180	180 kVA 144.0 kWe	H6C4D180 CPCB4+ 5.76 L Heavy Cooling	3850 × 1500	GC Auto-Sync 750 hr Gulf XLE	Process Industries, Aggregate Crushers
LP250	250 kVA 200.0 kWe	A6G4DE250 CPCB4+ 6-Cyl CRDi · 4,500 kg	4150 × 1600 × 2160 (340 L Diesel Tank)	GC 1206 Sync 750 hr Gulf XLE	Mega Gang-Saws, High-Pressure Plants, EPC

Engineering Notes for Western Rajasthan (48–50°C Summer Duty):
1. **Loads Above 250 kVA:** Ashok Leyland's official CPCB4+ diesel portfolio covers 15–250 kVA. For 300–500+ kVA factories & crushers, Apex Engineering designs **Multi-DG Parallel Auto-Sync Stations** (e.g., 2×LP250 Sync with GC 1206 controllers), delivering N+1 redundancy and fuel-saving load-shedding.
2. **Mandatory CPCB4+ Lubricant Chemistry:** Always service with genuine **Gulf Leypower XLE 15W-40** Low-SAPS oil; conventional heavy oils plug DOC/DPF/SCR exhaust traps.
3. **Non-Emission & CEV-IV/V Industrial Engines:** 42 HP – 220+ HP (NEPTUNE) bare engines supported for construction machinery, mud pumps & industrial drives.