

HBL[®]

IGNITE

HIGH-PERFORMANCE ENGINE START BATTERY



PLT BATTERY

IGNITE batteries are manufactured by HBL Power Systems Ltd., a company with more than 35 years of experience in manufacturing specialized batteries. State-of-the-art Pure Lead Tin technology helps to deliver higher cranking current and longer shelf life than ordinary batteries.

FEATURES	BENEFITS
HIGH CRANKING CURRENT CAPABILITY Smaller	and lighter for the same job
ZERO MAINTENANCE	No Specific Gravity checks No top-up of DI water during its life-time No separate charging with charger No Acidic / Corrosive fumes
FACTORY CHARGED	Delivered in filled and charged condition (Ready to use)
BATTERY TERMINALS WITH COPPER ALLOY	High Electrical Conductivity Wear and tear reduced No loose contacts & sulphation of terminals
LOW SELF-DISCHARGE	Ensures START even after the vehicle is idle for several months

BATTERY MODELS & TECHNICAL DETAILS						
Sl. No.	Battery Model	Capacity @ 20 Hr Rate	Dimensions (mm)	Weight (Kg)	CCA at per SAE	Terminal Layout
1	IG 70-12	70	330 X 168 X 200	24	750	
2	IG 80-12	80	410 X 176 X 210	30	820	
3	IG 100-12	100	410 X 176 X 245	36	1150	
4	IG 160-12	160	525 X 225 X 240	59	1600	

NOTE: Ignite Batteries complies to IEC 60095-1:2006 and tested by ETDC, Govt. Of India.
Battery charging alternator output voltage must be between 13.8 to 14.2 Volts to prevent damage to battery.

HEMM APPLICATION CHART		
Model	Replaces	Applications
IG 70-12	Conventional 88 & 100 Ah	TRACTOR: M&M Tractors: BHOOMIPUTRA 265DI/275DI TU/575DI, ARJUN 445DI/ 555DI/605DI, SARPANCH 265DI/275DI/275DI TU/ 475DI/ 575DI/ 585DI, SWARAJ 735/744FE/834FE/733FE/743FE, 855, ITD 724/735, New Holland: 5500, 3630 – 55HP, NH7500-75HP, 5630, PREET TRACTORS: PREET 5049/6049, STANDARD: STANDARD- 450, 460/475, 750, 755, 760, Indo Farm Tractors: Indo farm-2040 /3040/ 2060/ 3050/ 2050, JOHN DEERE: 55hp/47hp/37hp, 55Hp(super model) EICHER TRACTORS: 241/242DI, Valtra 6100, ESCORTS: Power Trac – 445/455, FT 45/ 60/ 450/ 475, E325/ 335/ 340/ 342, E345/355, 3600/ 3620, FORD: 3600, HMT: Zetor 2511, 5911, 4511, 3511, 20T, Punjab tractors 855, Power Trac 445,455, TAFE Mahaan, MF245, Gajraj, 375ET, M Ferguson 1035, International Tractors: Renault series 316, 326, 336, 346. LCV: TATA Motors: 608, LPT709E, LPS4018TC, BUS LP 709E, LPT709E, SFC709E, LP1112, ASHOK LEYLAND: Haulage-Cargo 1611, 1512, LCV/ICV 759, 100, 12,909. HCV: ASHOKLEYLAND: Tipper, Trawlers STANDARD 9T, JCB: JCB loader, JS80/JS130/JS200/JS210/JS330/430Z, P99- Crane, L & T: V&T Vibratory Compactor-VC-450, CLASS INDIA: Class Harvester Combines, MANFORCE TRUCK: DUMPER- CLA 49L28.
IG 80-12	Conventional 150 Ah	HEMM: TELCO- EX200LC, EX210 LCH-V, EX100, T320, TFC 75,TWL 3036, TJD315SE, TELCON(EX2500/TWL), FRONT END LOADER: TWN3036, CRANE: TCF75, CRANE TATA 320, TATA VM3, TEREX VECTRA: T815-T3 B928-10 /23N-65/ T815/HEMANG-T3 B928-10, GODREJ & BOYCE: GODREJ GX 5.0/G 5.0/6.0/7.0/8.0/10.0-TON, JCB: JCB Backhoe Loader 3DX/4DX/4D, Excavator 3D, L&T- L&T Loader Backhoe LB-851/LB580-3, L&T Compactor-VC 752/VC1107, ACTION CONSTRUCTION: B – LOADER, ASIA MOTOR WORK: 4923 Tractor, 4930 Tractor 6X4, 4033 Tractor, Haulage 2518, Tractor 4018, Tipper 2523.
IG 100-12	Conventional 180 & 200Ah	HEMM: TELCON DUMPER(EX600), DUMPER(EX1200/35TON DUMPER), ASHOK LEYLAND: Fire Engines/Airport – CFT 6X6, RTV4X4, Haulpak, ESCORTS JCB – Loaders 3D, HM, DOZERS - -D 80, TELCO- EX30/400/600/KH500/TC280, HYDRALIC EXCAVATORS EX300/ EX350V, CATERPILLAR INDIA: CAT- 2021/4248- Loader, Escorts Costruction Special Vehicle, KOMATSU: Dumper IID465, Caterpillar India: CAT 1035.
IG 160-12	Con. 2 X 180 & 2 X 200 Ah	HEMM: Dumpers 85 & 100 Ton: BEML, CAT, KOMATSU, Ashok Leyland, L&T, DOZER, Escort, JCB-LODER3D, HM, WA-2000/Truckshowel.

NOTE: * This application chart is based on standard auxiliary loads made available with original equipment / Electrical fitted. Sizing varies with addition of auxiliary loads & for transport vehicles.

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