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Location :

PT New Indobatt Energy Nusantara
Jl. Raya Surabaya - Mojokerto KM. 33 (Bypass Krian)
Sidoarjo, East Java, Indonesia 61263

Company Profile

PT New Indobatt Energy Nusantara didirikan pada 15 Desember 2021 dan mulai beroperasi pada tahun 2022 sebagai produsen aki otomotif yang melanjutkan pengalaman dan keahlian dari PT Indobatt Industri Permai yang telah memproduksi aki sejak 1980.

Sejalan dengan pesatnya perkembangan teknologi otomotif, kami terus berinovasi menghadirkan solusi energi yang andal, berkualitas, dan relevan dengan kebutuhan masa kini. Dengan komitmen terhadap kualitas dan inovasi berkelanjutan, PT New Indobatt Energy Nusantara berupaya memenuhi kebutuhan pelanggan di pasar domestik, internasional, maupun sektor industri.

Portofolio produk kami mencakup berbagai jenis aki otomotif, mulai dari Dry-Charged (DC), Accessible Maintenance Free (AMF), hingga Sealed Maintenance Free (SMF) Batteries—dirancang untuk memberikan performa optimal, keandalan, dan solusi yang sesuai dengan beragam kebutuhan kendaraan dan aplikasi.

PT New Indobatt Energy Nusantara was established on December 15, 2021, and commenced operations in 2022 as an automotive battery manufacturer, building on the extensive experience and expertise of PT Indobatt Industri Permai, which has been manufacturing automotive batteries since 1980.

As automotive technology continues to evolve rapidly, we remain committed to continuous innovation, delivering reliable, high-quality energy solutions that meet the demands of today's market. With an unwavering commitment to quality and ongoing innovation, PT New Indobatt Energy Nusantara strives to meet the needs of customers across domestic and international markets, as well as the industrial sector.

Our product portfolio encompasses a wide range of automotive batteries, including Dry-Charged (DC), Accessible Maintenance Free (AMF), and Sealed Maintenance Free (SMF) batteries. Each product is designed to deliver dependable performance, reliability, and solutions tailored to the diverse needs of modern vehicles and industrial applications.

VISI

Menjadi salah satu Produsen Aki Kendaraan Bermotor yang diperhitungkan di pasar domestik

VISION

To become one of the prominent Motor Vehicle Battery Producers in the domestic market

Kebijakan Mutu dan Lingkungan:

"Kami bertekad untuk menjamin kepuasan pelanggan dengan bekerja benar melalui perbaikan yang berkesinambungan, menjamin produk yang berkualitas serta pengiriman tepat waktu, mentaati persyaratan lingkungan dan peraturan, menghormati sesama manusia, meningkatkan keselamatan, kesehatan kerja dan kebersihan lingkungan."

Quality and Environmental Policy:

"We are committed to ensuring customer satisfaction by working correctly through continuous improvement, guaranteeing quality products and on-time delivery, complying with environmental requirements and regulations, respecting fellow human beings, and improving occupational safety, health, and environmental cleanliness."

SUPERIOR COMPONENTS STRONGER BY DESIGN



GRAVITY CAST DIAMOND GRID

Lebih kokoh dan tahan terhadap korosi. Desain pola berliannya mampu meningkatkan konduktivitas serta ketahanan struktur secara menyeluruh guna menghasilkan daya maksimal.

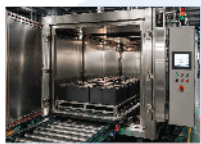
Stronger and more corrosion-resistant. The diamond pattern enhances conductivity and structural integrity for maximum power.



OPTIMIZED LEAD PASTE FORMULATION

Menggunakan material aktif berdensitas tinggi yang dilengkapi aditif mutakhir untuk menghasilkan konduktivitas superior, tingkat CCA yang tinggi, serta performa siklus pakai yang luar biasa.

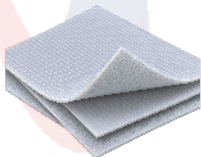
High-density active material with advanced additives for superior conductivity, high CCA and excellent cycling performance.



ADVANCED CURING PROCESS

Setiap pelat melalui proses pematangan di bawah pengawasan lingkungan yang ketat guna mengoptimalkan kekuatan pelat, menjaga stabilitas material aktif, serta memperpanjang usia pakai aki secara menyeluruh.

Plates are cured in controlled environment to enhance plate strength, active material stability and overall battery life time.



POLY ETHYLENE SEPARATOR

Memiliki tingkat porositas tinggi dan ketahanan ekstra terhadap resiko tusukan. Dirancang khusus untuk mencegah resiko arus pendek (korsleting) dan menjamin performa kelistrikan yang selalu stabil.

High porosity and puncture resistance. Prevents short circuit and ensures stable electrical performance.



POLYPROPYLENE BATTERY CASE

Tahan terhadap panas, asam, dan benturan. Dirancang tangguh untuk menghadapi berbagai kondisi ekstrem serta pemakaian jangka panjang.

Heat-resistant, acid-resistant and impact-resistant. Built to withstand extreme conditions and long-term use.



CAREFUL ASSEMBLY PROCESS

Mulai dari tahap penyusunan pelat hingga penyegelan akhir, setiap proses dikerjakan dengan presisi tinggi serta pengendalian mutu (quality control) yang ketat untuk menjamin konsistensi dan keandalan performa.

From plate stacking to final sealing, every step is done with precision and strict quality control to ensure consistency and reliability.



DRY CHARGED

Aki Dry Charged minim perawatan ini menggunakan teknologi terkini dalam produksi aki timbal-asam, yaitu Super Cure dan Dual Fiber. Didukung oleh desain pelat full frame dan Diamond-Wired Grid yang memberikan kekuatan ekstra pada sel aki, produk ini cocok untuk kendaraan anda di iklim tropis. Aki ini juga dilengkapi dengan fitur minim perawatan yang memberikan kemudahan dalam pemeliharaan penambahan air aki.

Dry Charged Low Maintenance batteries that use Super Cure and Dual Fiber as the latest technology in lead acid batteries production. Supported by a full frame plate used design and Diamond-Wired Grid, providing extra strength to the battery cell, making it suitable for your vehicles in tropical climates. It also equipped with low maintenance features that provide convenience in electrolyte level maintenance.

BRAVE NEW INNOVATION



QUALITY MATERIAL

Bahan timbal bermutu tinggi dipilih secara selektif untuk menekan korosi dan gas hidrogen, memastikan konduktivitas antar sel yang lebih baik untuk menghilangkan akumulasi panas dalam baterai.

High-grade lead material selectively chosen to suppress corrosion and hydrogen gassing, ensuring better intercell conductivity to dissipate heat accumulation in battery.



LONGER LIFE

Built to last with advanced technology



SUPERIOR PLATE DESIGN

Grid berbentuk berlian dengan porositas permukaan tinggi memastikan cengkeraman grid ke bahan aktif yang lebih kuat. Dipasangkan dengan bahan aktif yang diformulasikan khusus untuk mencegah degradasi pelat pada suhu tinggi.

Diamond-shaped grid with high surface porosity ensures stronger grid-to-active-material grip. Paired with our specially formulated active material to prevent plate degradation at high temperatures.



VIBRATION RESISTANT

Reliability you can count on



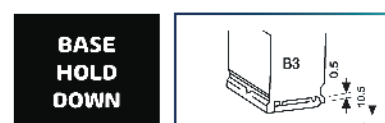
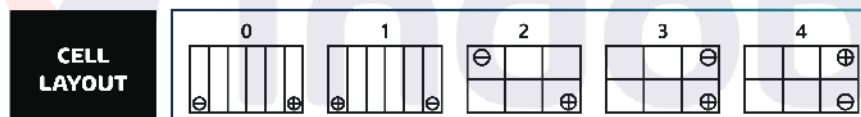
SUPERCURE TECHNOLOGY

Teknologi mutakhir untuk memperkuat struktur mikro kristal PbO, mengoptimalkan adhesi ikatan antara kerangka dan bahan aktif, meningkatkan kapasitas dan siklus hidup baterai.

Cutting edge technology to strengthen microstructure of PbO crystals, optimizing bond-adhesion between skeleton and active material, enhancing battery capacity and life cycle.

DRY CHARGED

OLD JIS TYPE	NEW JIS TYPE	V	Ah	CCA	L	W	H	TH	CELL LAYOUT	WEIGHT (kg)	TERMINAL DESIGN
NS40/L	32B20R/L	12	32	365	193	127	200	222	0/1	6.2	B
NS40Z/L	36B20R/L	12	35	380	193	127	200	222	0/1	6.5	B
NS60/L	46B24R/L	12	45	390	238	128	203	226	0/1	7.8	B
NS60S/L	46B24R/L	12	45	390	238	128	203	225	0/1	7.8	A
	55D23R/L	12	60	435	232	173	204	225	0/1	9.4	A
N50/L	48D26R/L	12	50	340	257	170	203	225	0/1	8.2	A
N50Z/L	55D26R/L	12	60	420	257	170	203	225	0/1	10.6	A
NS70/L	65D26R/L	12	65	500	257	170	203	225	0/1	11.6	A
NX110-5/L	80D26R/L	12	70	550	257	170	203	225	0/1	12.9	A
N70/L	65D31R/L	12	70	470	303	170	204	225	0/1	12.5	A
N70Z/L	75D31R/L	12	75	531	303	170	204	225	0/1	13.3	A
NX120-7/L	95D31R/L	12	80	600	303	170	204	225	0/1	14.9	A
N100/L	95E41R/L	12	100	620	407	174	207	232	4	16.3	A
N120/L	115F51R/L	12	120	770	500	182	210	237	4	20.3	A
N150/L	145G51R/L	12	150	910	505	221	209	237	4	24	A
N200/L	195H52R/L	12	200	1110	516	274	218	247	4	31.3	A



REMARKS

1. All batteries are well equipped with handle.
2. The dimension mentioned corresponds to JIS and DIN standards.
3. CCA based on DHC battery tester.



MAINTENANCE FREE

Aki Maintenance Free ini berbasis teknologi nano yang dipadukan dengan teknologi Dual Fiber dan Super Cure pada sel baterainya. Hal ini menjadikan aki Maintenance-Free kami memiliki masa pakai lebih lama, tingkat penguapan yang sangat rendah, sulfatasi minimal, pengisian daya yang lebih efisien, serta tingkat korosi sel yang rendah.

Maintenance Free is a battery based on nano technology combined with Dual Fiber and Super Cure technology on battery cells. It makes our Maintenance-Free battery has longer life, very low evaporation, minimal sulfatation, more efficient charging, and low cell corrosion rates.

POWER THE PERFORM BUILT TO LAST



DUPLEX LID COVER

Cover penutup dua lapis dengan sistem sirkulasi labirin yang telah disempurnakan serta **flame arrestor** terintegrasi untuk menekan tingkat kehilangan air hingga ke level terendah.

The dual layer cover with improved labyrinth circulation system and integrated flame arrestor to compress water loss to the lowest level



FULL FRAME CALCIUM-LEAD RADIAL GRID

- Grid Kalsium memiliki struktur yang kokoh sekaligus fleksibel, sehingga menghasilkan daya tahan yang unggul
Calcium / Calcium Alloy Grid performs solid and flexible structure leads to supreme durability
- Desain radial full-frame yang dirancang untuk aliran arus optimal serta penerimaan pengisian daya yang lebih cepat, sekaligus meminimalkan efek samping akibat tusukan.
Full frame radial design built for optimal current flow and faster charge acceptance and minimizing puncture side effect



GLASSMATE SEPARATOR

Ketahanan tinggi terhadap getaran, sehingga cocok untuk penggunaan baterai tugas berat.

High resistance against vibration, leading to a heavy duty battery usage



ULTRA HIGH MOLECULAR WEIGHT POLY-ETHYLENE SEPARATOR

- Ketahanan tinggi terhadap tusukan.
Calcium / Calcium Alloy Grid performs solid and flexible structure leads to supreme durability
- Stabilitas oksidasi terinduksi untuk memenuhi rentang suhu lingkungan dan daya tahan dalam kondisi panas penggunaan.
Calcium / Calcium Alloy Grid performs solid and flexible structure leads to supreme durability
- Peningkatan signifikan pada cold cranking amps
Significant cold cranking Amps enhancement



HIGH CCA

Strong starting Power in any condition



LONGER LIFE

Built to last with advanced technology



VIBRATION RESISTANT

Reliability you can count on

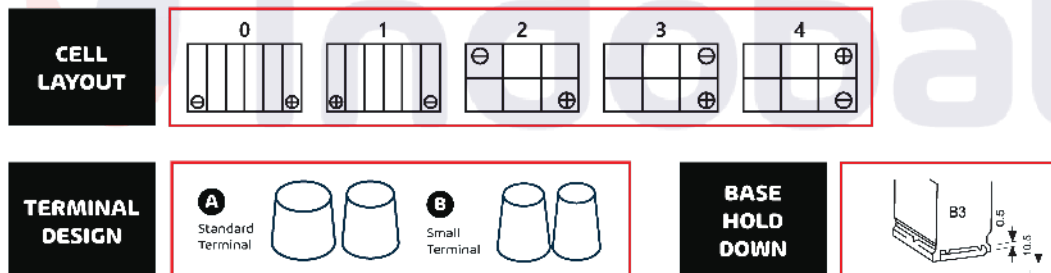


LOW MAINTENANCE

Designed for hassle-free performance

MAINTENANCE FREE

OLD JIS TYPE	NEW JIS TYPE	V	Ah	CCA	L	W	H	TH	CELL LAYOUT	WEIGHT (kg)	TERMINAL DESIGN
NS40/L	32B20R/L	12	32	360	197	128	198	222	0/1	9.5	B
NS40Z/L	36B20R/L	12	35	365	197	128	198	222	0/1	10	B
NS60/L	46B24R/L	12	45	444	236	129	200	226	0/1	12.5	B
NS60S/L	46B24R/L	12	45	444	236	129	200	226	0/1	12.5	A
	55D23R/L	12	60	535	232	173	204	225	0/1	16.2	A
N50/L	48D26R/L	12	50	500	256	170	198	225	0/1	15	A
N50Z/L	55D26R/L	12	60	537	256	170	198	225	0/1	15.5	A
NS70/L	65D26R/L	12	65	580	256	170	198	225	0/1	16	A
NX110-5/L	80D26R/L	12	70	593	256	170	198	225	0/1	17.5	A
N70/L	65D31R/L	12	70	610	303	170	199	225	0/1	19	A
N70Z/L	75D31R/L	12	75	655	303	170	199	225	0/1	19.5	A
NX120-7/L	95D31R/L	12	80	686	303	170	199	225	0/1	20.5	A
N100/L	95E41R/L	12	100	828	410	176	213	232	4	26	A
N120/L	115F51/L	12	120	1100	505	182	213	237	4	34.5	A
N150/L	145G51/L	12	150	1200	508	222	213	237	4	41.5	A
N200/L	195H52/L	12	200	1400	521	278	220	247	4	53	A



REMARKS

1. All batteries are well equipped with handle.
2. The dimension mentioned corresponds to JIS and DIN standards.
3. CCA based on DHC battery tester.



HEAVY DUTY

Dry Charged and Maintenance Free

Baterai Heavy Duty menggunakan teknologi Dual Fiber dan Super Cure pada sel baterai. Teknologi ini diterapkan pada Baterai Dry Charged Low Maintenance dan Baterai Maintenance Free untuk mendukung kinerja baterai dalam tugas berat. Baterai Dry Charged Low Maintenance dilengkapi desain pelat full frame dan Diamond-Wired Grid yang memberikan kekuatan ekstra pada sel baterai serta fitur minim perawatan untuk memudahkan pengelolaan tingkat elektrolit. Dan untuk Baterai Maintenance Free berbasis teknologi nano yang mendukung masa pakai baterai lebih lama, penguapan sangat rendah, sulfatasi minimal, pengisian lebih efisien, dan tingkat korosi sel yang rendah.

Heavy Duty batteries feature Dual Fiber and Super Cure technologies in their battery cells. These technologies are applied to both Dry Charged Low Maintenance and Maintenance Free batteries to support reliable performance under heavy-duty operating conditions. Dry Charged Low Maintenance batteries are equipped with a full-frame plate design and Diamond-Wired Grid, providing enhanced cell strength and low-maintenance features for easier electrolyte level management. Maintenance Free batteries are based on nano technology combined with Dual Fiber and Super Cure technologies, supporting longer battery life, very low evaporation, minimal sulfation, more efficient charging, and low cell corrosion.

MORE POWER MORE DURABILITY



QUALITY MATERIAL

Bahan timbal bermutu tinggi dipilih secara selektif untuk menekan korosi dan gas hidrogen, memastikan konduktivitas antar sel yang lebih baik untuk menghilangkan akumulasi panas dalam baterai.

High-grade lead material selectively chosen to suppress corrosion and hydrogen gassing, ensuring better intercell conductivity to dissipate heat accumulation in battery.



SUPERIOR PLATE DESIGN

Grid berbentuk berlian dengan porositas permukaan tinggi memastikan cengkeraman grid ke bahan aktif yang lebih kuat. Dipasangkan dengan bahan aktif yang diformulasikan khusus untuk mencegah degradasi pelat pada suhu tinggi.

Diamond-shaped grid with high surface porosity ensures stronger grid-to-active-material grip. Paired with our specially formulated active material to prevent plate degradation at high temperatures.



SUPERCURE TECHNOLOGY

Teknologi mutakhir untuk memperkuat struktur mikro kristal PbO, mengoptimalkan adhesi ikatan antara kerangka dan bahan aktif, meningkatkan kapasitas baterai dan siklus hidup.

Cutting edge technology to strengthen microstructure of PbO crystals, optimizing bond-adhesion between skeleton and active material, enhancing battery capacity and life cycle.



HIGH CCA

Strong starting
Power in any condition



LONGER LIFE

Built to last with
advanced technology



VIBRATION RESISTANT

Reliability you can
count on



LOW MAINTENANCE

Designed for
hessly-free performance

HEAVY DUTY

MORE POWER
MORE DURABILITY

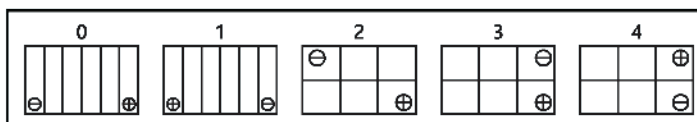
MAINTENANCE FREE

OLD JIS TYPE	NEW JIS TYPE	V	Ah	CCA	L	W	H	TH	CELL LAYOUT	WEIGHT (kg)	TERMINAL DESIGN
N100/L	95E41/L	12	100	855	410	176	213	232	4	27.3	A
N120/L	115F51/L	12	120	1150	505	182	213	237	4	34.9	A
N150/L	145G51/L	12	150	1300	508	222	213	237	4	43	A
N170/L	165G51/L	12	170	1400	508	222	213	237	4	45	A
N200/L	195H52/L	12	200	1450	521	278	220	247	4	54.8	A
N225/L	245H52/L	12	225	1602	521	278	220	247	4	61	A

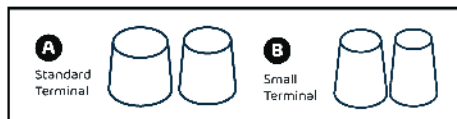
DRY CHARGED

OLD JIS TYPE	NEW JIS TYPE	V	Ah	CCA	L	W	H	TH	CELL LAYOUT	WEIGHT (kg)	TERMINAL DESIGN
N100/L	95E41R/L	12	100	700	407	174	207	232	4	17.5	A
N120/L	115F51/L	12	120	890	500	182	210	237	4	22	A
N150/L	145G51/L	12	150	1100	505	221	209	237	4	26	A
N200/L	195H52/L	12	200	1250	516	274	218	247	4	35	A

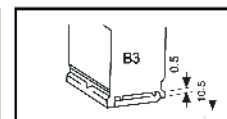
CELL LAYOUT



TERMINAL DESIGN

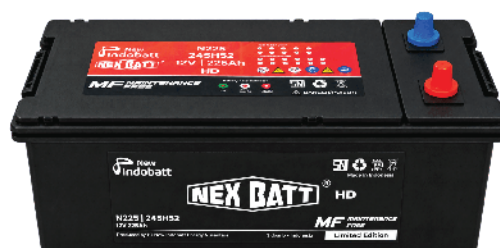


BASE HOLD DOWN



REMARKS

1. All batteries are well equipped with handle.
2. The dimension mentioned corresponds to JIS and DIN standards.
3. CCA based on DHC battery tester.



DIN

Deutsches Institut für Normung

DIN merupakan jenis aki mobil dengan standar Deutsches Institut für Normung (standar industri Jerman) atau standar Eropa. Ciri khasnya adalah posisi kepala kutub (terminal) aki yang terbenam ke dalam bodi atas aki dan bodi yang lebih rendah, serta banyak dipakai pada mobil Eropa, Amerika, dan beberapa mobil modern Asia.

DIN batteries are a type of battery that complies with the standards of the Deutsches Institut für Normung (German Institute for Standardization) or European standards. They are characterized by battery terminals that are recessed into the upper and lower casings, and are widely used in European and American cars, as well as in some modern Asian models.

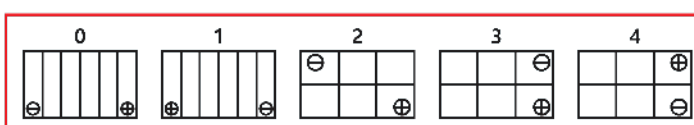
GROUP	TYPE		Ah	CCA	L	W	TH	TERMINAL DESIGN	CELL LAYOUT	BOTTOM HOLD DOWN
LO	DIN40L	54018	40	350	175	175	190	A	0	B3
LB1	DIN35L	53529	35	340	208	176	175	A	0	B3
LB1	DIN43L	54316	43	420	208	176	175	A	0	B3
LB1	DIN43CL	54317	43	420	208	176	175	C	0	B3
L1	DIN44L	54459	44	350	208	176	190	A	0	B3
L1	DIN44R	54464	44	350	208	176	190	A	1	B3
LB2	DIN45L	54519	45	420	245	175	175	A	0	B3
LB2		54533	45	220	242	175	175			
LB2	DIN50L	55040	50	460	245	175	175	A	0	B3
LB2	DIN54L	55457	54	510	245	175	175	A	0	B3
LB2	DIN54R	55458	54	510	245	175	175	A	1	B3
LB2	DIN54CL	55459	54	510	245	175	175	C	0	B3
LB2	DIN62BL	56220	62	540	245	175	175	A	0	B3
L2	DIN55L	55559	55	480	245	175	190	A	0	B3
L2	DIN55R	55565	55	480	245	175	190	A	1	B3
L2		55530	55	255	242	175	190			
L2		55545	55	255	242	175	190			
L2		55548	55	255	242	175	190			
L2		55566	55	255	242	175	175			
L2	DIN62L	56219	62	510	245	175	190	A	0	B3
L2	DIN62R	56217	62	510	245	176	190	A	1	B3
		56048	60	500	269	174	225	A	0	B9
		56049	60	500	269	174	225	A	1	B9
		56090	60	255	242	175	175			
		57029	70	600	269	174	225	A	0	B9
		57024	70	600	269	174	225	A	1	B9
		57070	70	420	278	175	190			
LB3	DIN54L	55414	54	510	278	175	175	A	0	B3
LB3	DIN54R	55415	54	510	278	175	175	A	1	B3
LB3	DIN63L	56318	63	580	278	175	175	A	0	B3
LB3	DIN63CL	56323	63	580	278	175	175	C	0	B3

DIN (Deutsches Institut für Normung)

GROUP	TYPE		Ah	CCA	L	W	TH	TERMINAL DESIGN	CELL LAYOUT	BOTTOM HOLD DOWN
LB3	DIN71L	57113	71	620	278	175	175	A	0	B3
LB3	DIN71CL	57114	71	620	278	175	175	C	0	B3
L3	DIN66L	56638	66	580	278	175	190	A	0	B3
L3	DIN72L	57412	72	620	278	175	190	A	0	B3
L3	DIN72R	57413	72	620	278	175	190	A	1	B3
L3	DIN78L	57820	78	700	278	175	190	A	0	B3
		60032	100	850	304	174	225	A	0	B0
		60033	100	850	304	174	225	A	1	B0
LB4	DIN80L	58014	80	730	315	175	175	A	0	B3
LB4		58010	80	550	278	175	190			
LB4		58026	80	280	308	173	222			
L4	DIN90L	59042	90	780	315	175	190	A	0	B3
L4	DIN90R	59043	90	780	315	175	190	A	1	B3
LB5	DIN85L	58515	85	740	353	176	175	A	0	B3
LB5		58514	85	320	303	173	222			
	DIN85HL	59015	90	820	353	176	175	A	0	B3
L5	DIN88L	58827	88	730	353	176	190	A	0	B3
L5		58815	88	395	353	175	190			
L5	DIN92R	59218	92	780	353	176	190	A	1	B3
L5	DIN100L	60038	100	850	353	176	190	A	0	B3
L6	DIN110L	110L6	110	850	395	175	190	A	0	B3
		61023	110	800	514	175	175	A	5	B3
		63541	135	910	514	175	175	A	5	B3
		63530	135	420	513	186	186			
		64020	140	950	505	189	189	A	5	B0
		64028	140	950	513	189	189	A	4	B0

GROUP	TYPE	Ah	CCA	L	W	TH	TERMINAL DESIGN	CELL LAYOUT	BOTTOM HOLD DOWN
B	67018	170	950	513	222	220	A	5	B0/B3
B	67019	170	950	513	222	220	A	4	B0/B3
B	68032	180	1050	513	222	220	A	5	B0/B3
B	68033	180	1050	513	222	220	A	4	B0/B3
B	68019	180	600	513	223	223	A		
B	68022	180	650	513	223	223	A		
C	68021	180	1050	518	273	239	A	5	B0
C	70027	200	1015	518	273	239	A	5	B0
C	73011	230	1200	518	273	239	A	5	B0

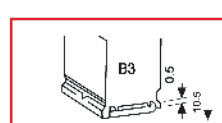
CELL LAYOUT



TERMINAL DESIGN



BASE HOLD DOWN



REMARKS

1. All batteries are well equipped with handle.
2. The dimension mentioned corresponds to JIS and DIN standards.
3. CCA based on DHC battery tester.



+62 31 898 2388



www.indobatt.com



marketing@indobatt.com
sales@indobatt.com



International clients, more than 35 years exporting

Selama lebih dari 40 tahun, PT New Indobatt Energy Nusantara sebagai PT Indobatt Industri Permai telah memproduksi jutaan baterai untuk berbagai kegunaan. Sebagian besar baterai mereka didistribusikan di Indonesia. Selain pasar domestik, PT New Indobatt Energy Nusantara berupaya bersaing di pasar luar negeri.

For more than 40 years, PT New Indobatt Energy Nusantara as PT Indobatt Industri Permai has produced millions of batteries for various uses. Most of their batteries are distributed in Indonesia. In addition to the domestic market, PT New Indobatt Energy Nusantara seeks to compete in foreign markets.



ACT TO CONTACT



+62 31 898 2388



www.indobatt.com



marketing@indobatt.com



sales@indobatt.com



PT New Indobatt Energy Nusantara
Jl. Raya Surabaya - Mojokerto KM. 33 (Bypass Krian)
Sidoarjo, East Java, Indonesia 61263