

ONLINE

Your One-stop
Electrical Supplier

www.bh-estore.com

Product Brochure

BH **BENG HUI** 明輝
MARINE ELECTRICAL PTE LTD
A Member of **BH GLOBAL CORPORATION LTD**

Marine • Offshore • Petrochemical • Industrial • Commercial



OUR VISION

To be the Global One-stop Mega-store for Marine, Offshore, Petrochemical, Industrial & Commercial industries

OUR MISSION

We commit to provide a trusted and reliable online platform delivering best values to our stakeholders.



A MARKET LEADER IN SUPPLY CHAIN MANAGEMENT

Established since 1963, Beng Hui Marine Electrical Pte Ltd, a one stop marine and offshore electrical supplier to the most buoyant shipbuilding, Ship Repair, On-and-Offshore, Oil & Gas industries worldwide has been in the business for more than 50 years. We are the preferred vendor of many established clientele: ship chandlers, ship owners, ship-management companies, system integrators, shipyards and fabrication contractors in their new-build, repair and retrofitting projects in the Marine & Offshore industries.

With over S\$35 million worth of comprehensive inventory and more than 8,000 product line items from international brand partners, we provide a wide portfolio of premium technically certified electrical products such as marine & offshore cables, lighting systems and electrical products from international renowned brand partners/manufacturers.

Headquartered in Singapore, our warehouse is strategically located in close proximity to our customers. Over 220,000 square feet, the facility houses a warehouse equipped with storage facilities, material handling equipment, electrical testing facilities, cable cutting & reeling machines, manufacturing grounds and logistics offices.

OUR VALUES



诚信纪律
Integrity &
Discipline



团队精神
Teamwork &
Performance



顾客优先
Client Focused



创新思维
Innovative



终生学习
Learning &
Development



VALUE ADDED SERVICES

Further differentiation from other distributors lies in BHM's capability in providing valued added services: Enhanced Online Portal, Total Inventory management, Complete Support Solutions & Quality Component Integration.

Enhanced Online Portal



www.bh-estore.com

Search and Compare

Technical Resources

Electrical and Technical Supply Online
Online Technical helpdesk for enquiries
Online Payment and International Delivery

Over 30,000 Marine-Certified Products
Search your IMPA products easily online
Compare multiple products from our database

Download our MRO technical catalogues, Specification and Certification

Total Inventory Management



Provision of Interim Inventory Storage

Timely Delivery of Goods

Saving in Logistic Costs

Saving in Financial Costs

Order inventory without worrying about inventory space and management

Goods were being delivered in JIT (Just-In-Time) manner according to projects schedules

Goods were delivered progressively according to projects schedules.
No requirement of storage space, warehouse is free for more important and high-value equipment

Goods were being delivered and billed progressively, and bills were being paid according to standard credit terms
No big capital outlay for the entire PO
Cables; Not necessary for buy-back as there is minimal surplus cables

Lighten staff work load at the warehouse

Quality Component Integration



Understand Specifications

Recommendation and Selection

Continuous Support

Understanding client's requirements

Selecting suitable components to enhance product's efficiency and effectiveness

Continuous support in the supply of components, after sales service and product training

Tailoring products to customer's specific needs, adhering to environmental, safety and performance standards

Complete Support Solutions



Sales Support

Technical and Engineering Support

Global Logistics Mobility

Dedicated Customer Relations Representatives equipped with:
- MRO Sourcing Capabilities
- Product Application Consultancy
Provide Price Consistency During Projects

Project Technical Submission, Product Certification, Type Approvals, Drawings, Test Reports, Vendor Data Approvals Dossier, Warranty Tracking

Equipped with own fleet of vehicles to ensure Just-in-Time deliveries
Strong Alliance with International Freight Forwarders:
- Vast Distribution Network
- Direct Deliveries Globally



BH eStore

www.bh-estore.com

ONLINE

Marine • Offshore • Petrochemical • Industrial • Commercial

One-stop Electrical Supplier Online

Over 30,000 Marine-Certified Products with International Delivery

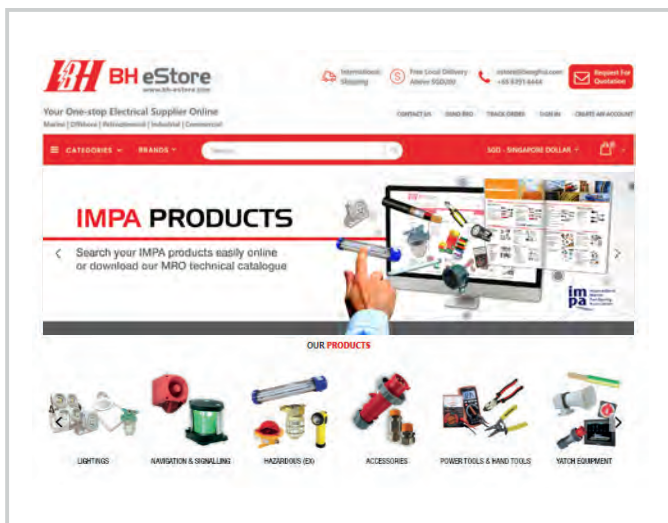


ONLINE
PAYMENT AVAILABLE



bh-estore.com

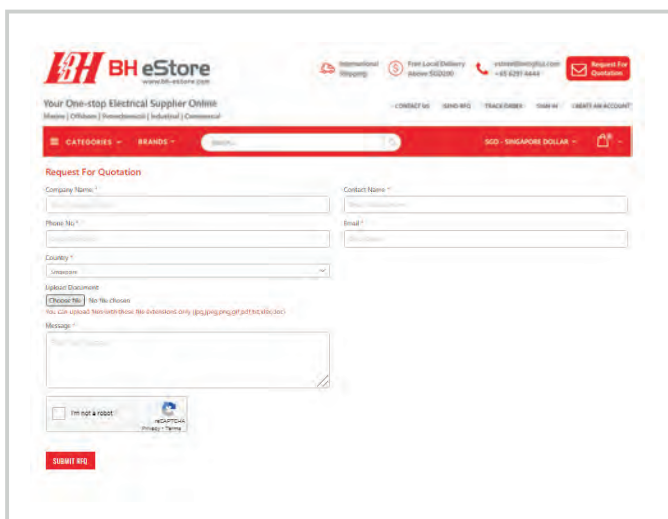
Easily Browse Through
Our Comprehensive Database



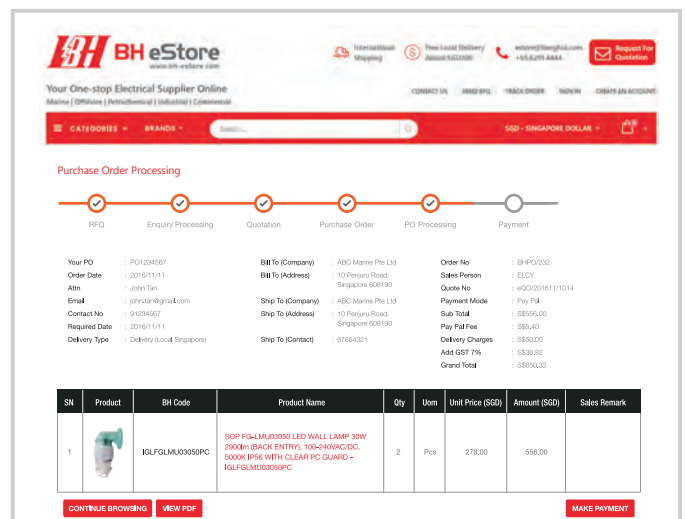
View & Download
Product Specifications & Certifications



Request For Quotation
By Attaching File



View Unit Price From RFQ Cart
& Make Payment Through PayPal System





Cables



Lightings



Navigation
& Signalling



IMPA
Products



Hazardous



Accessories

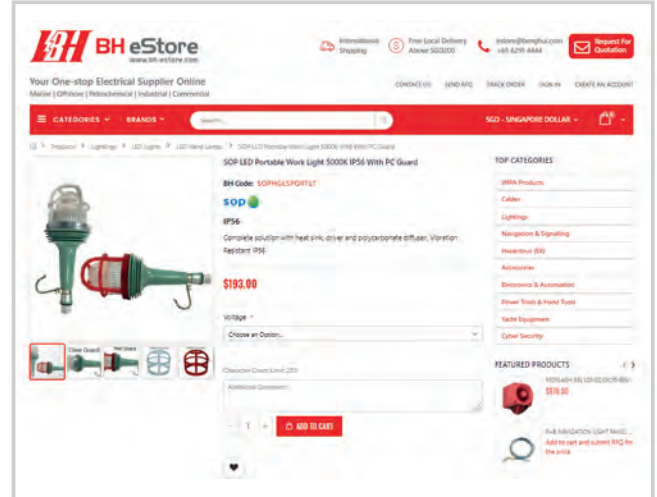


Electronics
& Automation



Power
& Hand Tools

- Download our MRO technical catalogues
- Easy Access To Product Specifications, Certificates, Drawings and Prices
- Compare multiple products from our data base
- Search your IMPA products easily online



Ask Us for an MRO Today

30,000 Products Excellent Guide
for your Technical & Electrical Stores:

Inclusion of cross reference to
Marine Codes, Specifications & Images

Marine, Offshore &
Industrial LED Lighting Solutions

www.sop-led.com



Working with Chandlers and Owners
for LED Conversions and Retrofits



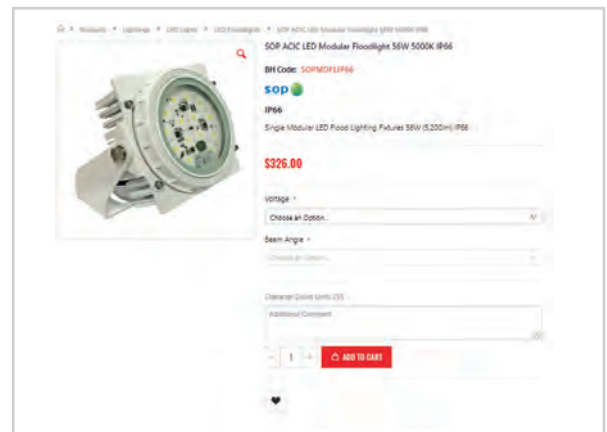
Safe to use Onboard
EMC Compliant IEC 60533:2015

- Energy-Efficient up to 90%
- Long Service Life of up to 12 years at 50,000 hours
- Safe to use Onboard with no EMC Interference
- Zero Maintenance & Reduced Operation Costs
- Deck, Engine Room, Cargo Hold, Accommodation, Passageway

Complimentary
Lux Calculation



< 2 years ROI
(Return of Investment)



Designed and Trademarked in Singapore

Cable Solutions



Cables



NEK606 Offshore Cables

*(Flame Retardant / Fire Resistant)

- Power Cable
 - Low Voltage Cable (0.6/1kV)
 - Mid Voltage Cable (3.6/6kV - 12/20kV)
 - EMC (0.6/1kV - 12/20kV)
 - VFD (0.6/1kV, 6/10kV - 12/20kV)
- Instrumentation, Control & Telecommunication
 - Individual Screen (250V)
 - Collective Screen (250V)
 - Individual & Collective Screen (250V)



Marine Shipboard Cables

*(Flame Retardant / Fire Resistant)

- Power Cable
 - Low Voltage Cable (0.6/1kV)
 - Mid Voltage Cable (3.6/6kV - 12/20kV)
 - VFD (0.6/1kV(1.8/3kV), 3.6/6kV, 6/10kV)
- Instrumentation, Control & Telecommunication
 - Individual Screen (250V)
 - Collective Screen (250V)
 - Individual & Collective Screen (250V)



Cable Accessories

Cable Glands / Adaptors / Reducers

*(ATEX and Watertight)

- Polyamide
- Brass Nickel Plated
- Stainless Steel



Junction Boxes / Enclosures

*(ATEX and Watertight)

*(IP Rating of IP56, IP66, IP68)

- Stainless Steel
- Sheet Steel
- Aluminium
- Polycarbonate
- GRP
- Die Cast
- Thermoplastic



Tools and Equipment

- Crimping Tools
 - Cable Shoe
 - Cable Link
 - Data Cable
- Cable Cutter
- Measuring Equipment
 - Digital Multimeter
 - Clamp Meter
 - Insulation Tester
 - Circuit Tester
 - Voltage Tester
 - Test Probe



Cable Terminals / Ferrules

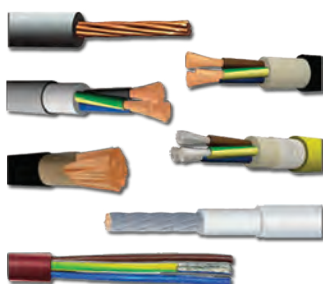
- Cable Lugs
- Cable Terminals
 - Ring Terminal
 - Blade Terminal
 - Pin Terminal
 - Fork Terminal
 - Snap-On Terminal
 - Bullet Terminal
 - Hook Terminal
 - Non-Insulated Connector Link
- Ferrules
 - Insulated Bootlace Ferrules
 - Non-Insulated Ferrules





Industrial Cables

- H05V-K / H07V-K
 - PVC Switchboard Wiring Cables
- H07RN-F
 - Neoprene Flexible Power Cable
- H05VV-F
 - PVC/PVC Flexible Control Cable
- H01N2-D
 - Welding Cable
- SiHF
 - Heat Resistance Cable
- NSHTöU
 - Shore to Ship Flexible Power Supply Cable
- SGW
 - Heat Resistance Cable 180°C



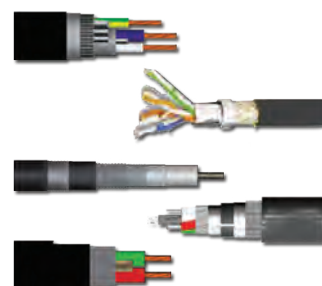
Marine Data & Coaxial Cables

*(Mud Resistant / Non Mud Resistant)

- LAN CAT7 SSTP Flex
- Optical Fibre QFC1
- Optical Fibre AICI
- CAN BUS SHF2
- Profibus Marine SHF1 / LSOH SHF2

*(Amour / Non Amour)

- RG Coaxial Cable



Switches, Plugs and Sockets

*(IP Rating of IP40, IP44, IP55, IP56, IP66 & IP67)

- IEC 60309 Plugs and Sockets
 - Male Plugs / Female Connectors
 - Wall / Panel Mount Socket
- ATEX Plugs and Sockets
 - Male Plugs / Female Connectors
 - Switch Cast Brass
 - Wall Mount Socket
- Switch Sockets
 - Accommodation Switch Socket
 - Switch Socket and Plug
- Switches
- Mini Connectors and Joint Boxes



Cable Ties / Straps

- Stainless Steel Cable Tie
 - DNV & ABS Certification
- Nylon Cable Tie (Black/White)
- Cable Tie Base
- Band Strap
 - DNV & ABS Certification
- Band Buckle
 - DNV & ABS Certification



Tubes / Sleeves / Others

- Electric Empire / Glass / PVC Tube
- Vinyl Wire End Cap
- Heat Shrinkable Sleeves
 - Medium Wall
 - Wrap Around Repair Sleeve
- Terminal Strips / Connectors
- Insulation Tapes
- Sealing Compound
- Cable Ladders



Lighting Solutions



Marine & Offshore Lightings

Searchlights



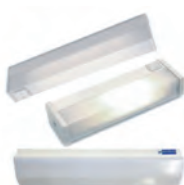
- Deck Control
- Cabin Control
- Remote Control
- Halogen / Xenon

Floodlights



- Metal Halide
- Halogen
- Mercury
- High Pressure Sodium

Berth/ Mirror Lights



- Berth Light
 - 110V / 220V
 - IP20 / IP30
- Mirror Light
 - 110V / 220V
 - IP20 / IP56

Ceiling/ Down Lights



- Ceiling Light
 - 110V / 230V
 - IP20 - IP67
- Down Light
 - 1 X 13WPL / 1 X 18WPL
 - IP20 / IP44

Corner/ Exit Lights



- Corner Light
 - 230V
 - IP20 / IP30
- Exit Light
 - 230V
 - IP20 / IP44

Navigation Lights



- Masthead
- Port
- Stern
- Starboard
- Signal
- Towing
- LED / Incandescent
- Control Panel

ATEX Lightings

Floodlights



- 120V / 230V
- Halogen / Sodium / Metal Halide / LED

Fluorescent Lights



- Exd / Exe Range
- Zone 1 & 2
- IP66 / IP67

Exit Lights



- Exd / Exe Range
- 110V / 230V
- Zone 1 & 2

Pendant Lights



- 110V / 230V
- IP56 / IP66
- Zone 1 & 2

Pneumatic Lights



- 12V / 24V / 120V / 220V
- IP56 / IP66

LED Lightings

Floodlights



- 24V DC / 100 - 240V AC/DC
- IP66
- Alternative to 250W / 400W HID Lamps

Modular Floodlights



- 24V DC / 100 - 120V AC / 220 - 240V AC
- IP66
- Available in Configurations of 1,2,3,4,6,8 and 16

Technical Luminaire



- 100 - 120V AC / 220 - 240V AC
- IP 30, 44, 55, 67, 68
- Alternative to 18W / 36W Fluorescent
- Emergency System Applicable

Pendant/ Wall Lights



- 24V DC / 100 - 120V AC / 220 - 240V AC
- IP56
- 10/12/13W or 30W
- Alternative to 100W / 300W Bulb

Handlamps



- 24V DC / 100 - 120V AC / 220 - 240V AC
- IP56
- 10/12/13W or 30W
- Alternative to 100W / 300W Bulb

Eco/ SOP Linear



- 24V DC / 100 - 130V AC / 220 - 254V AC
- IP20
- 10 or 20W
- Alternative to 1x18W / 1x36W



Lighting Accessories

Watertight Pendant Lights



- 24V - 250V
- IP56 / IP68
- Brass / PBT

Desk / Charts Table Lights



- 12V / 110V / 230V

Portable Hand Lamps



- 24V / 110V / 230V
- Polycarbonate / Rubber

Lamps



Lamp / Starter Holders



Starters



Ignitors / Capacitors



Helideck Lights



- Windsock
- Floodlight
- Perimeter Light
- Obstruction Light

Rechargeable Flashlights



- Headlite
- Head Lantern
- Hand Torch

Ballasts



Glass Globes / Guards



Portable Floodlights/ Torches



- 100 - 240V AC/DC
- IP54
- Rechargeable Lithium Ion Battery
- Alternative to 200W / 400W Incandescent Light

Chart Table Light



- 100V - 240V AC
- Dimmable
- CCT Changeable

Downlight



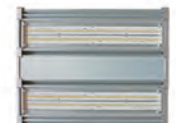
- 24V DC / 100V - 120V AC / 220V - 240V AC
- IP44
- Alternative to 50W Halogen Bulb / 1X18W / 1X26W CFL

Panel Lights



- 100V - 240V AC
- IP22 / IP44
- Alternative to T8 Lamps 1X18W / 2X18W / 3X18W / 4X18W
- 353 X 353mm / 625 X 625mm
- 625 X 257mm
- Emergency System Applicable

High Bay



- 110V - 277V AC
- IP20
- Alternative to T8 Lamps / Metal Halide
- 500 X 400 X 55mm / 1000 X 400 X 55mm
- Sensor System Applicable

Other Marine Solutions



ATEX Sounders / Beacons

Flashlights



- Exd
- 12-48V DC / 100-240V AC
- Zone 1 & 2
- IP66

Beacons



- Exd
- 12-48V DC / 100-240V AC
- Zone 1 & 2
- IP66
- Red / Amber / Blue / Green

Sounders



- Exd
- 12-48V DC / 100-240V AC
- IP56 / IP66
- 110dB/m / 115dB/m

Sounder & Beacons



- Exd
- 12-48V DC / 100-240V AC
- Zone 1 & 2
- IP66
- Red / Amber / Blue / Green

Ship Horns (Electric & Air Horns) - *Compliant with COLREG 1972*

Class 1



- For Vessel > 200m in

Class 2



- For Vessel 75m to 200m in Length

Class 3



- For Vessel 20m to 75m in Length

Class 4



- For Vessel < 20m in Length

Switchboard Control & Automation

Fuses



- Cello-lite Fuse
- HRC Knife Fuse
- Cartridge Fuse
- Glass Fuse
- Indicator Fuse
- D Fuse

Relays



- 24V / 110V / 220V
- 2pole 8pin
- 3pole 11pin
- 4pole 14pin

Timers



- 24V / 110V / 220V
- 2pole 8pin
- 3pole 11pin
- 4pole 14pin

Transformers



- Single Phase / Three Phase
- Enclosed / Open Type



Battery Chargers & Accessories

Battery Chargers



- Nominal Input: 120V/230V
- Nominal Output: 12V/24V/48V
- 6A - 110A

DC - DC Converters



- Nominal Input: 12V/24V/48V
- Nominal Output: 13.6/27.2V
- 3A - 50A

Sine Wave Inverters



- Inverter
 - Nominal DC Voltage: 12V/24V/48V
 - Nominal Output 120V/230V 50/60Hz
 - Power Capacity 300W-5000W

Accessories



- Charger Regulator
- Battery Isolator
- Digital Volt Panel
- Modular Cable
- Batteries
- Masterbus USB Interface

Alarm & Signalling Equipment

Buzzers



- 24V / 110V / 220V
- 80 dB/m / 90 dB/m
- Watertight and Non-Watertight Available

Sounders / Beacons / Combination Units



- 10-60V DC / 115-230V AC
- Sounders
 - 100 - 120dB/m
- Beacons
 - Amber / Blue / Red / Green / White
- IP 66

Sirens



- 24V / 110V / 230V
- 100 - 127 dB/m
- IP 65

Hooters



- 24V / 110V / 230V
- IP54 / IP65
- 95 - 120 dB/m

Bells



- 24V / 110V / 230V
- 105.5 - 108.5dB/m
- With Light / Without Light Available

Rotating Lights



- 24V / 110V / 230V
- Amber / Red / Blue

Hour Counters



- 12V - 440V
- Sizes
 - 36 X 24mm
 - 48 X 48mm
 - 72 X 72mm
 - 96 X 96mm

Breakers



- ACB (Air Circuit Breaker)
- MCCB (Molded Case Circuit Breaker)
- MCB (Miniature Circuit Breaker)

Our Brand Partners



BENG HUI MARINE ELECTRICAL PTE LTD

8 Penjuru Lane, Singapore 609189

Tel: +65 6291 4444 Fax: +65 6291 5777

Email: sales@benghui.com

Corporate Site: www.benghui.com

Online Store: www.bh-estore.com

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明輝