

Ratio Electric

SHORE POWER CONNECTIONS

Ratio
ELECTRIC



WWW.SHORE-POWER.INFO



Ratio
ELECTRIC

POWERFUL PERFORMANCE,
POWERFUL PRODUCTS



RATIO ELECTRIC

Welcome to the Shore Power catalogue of Ratio Electric.

Here you find the best products to connect your boat with the power supply from the land. Every product we make is designed to be functional, practical and able to withstand the harsh marine environment.

If there is a problem with any of our products, please contact me.

Best regards,

Hans Snaak, managing director

hsnaak@ratio.nl

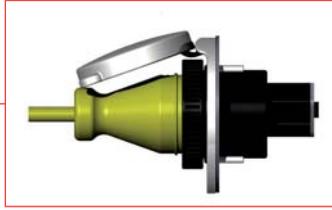


TABLE OF CONTENTS

WATERPROOF CONNECTION SYSTEM	2
STAINLESS STEEL INLET	2
CABLE CONNECTORS	3
MPI6 SYSTEM (16A)	4
MP32 SYSTEM (32A)	5
MARINCO COMPATIBLE CORD SETS	6
CEE CORD SETS	6
SHORE POWER CABLE	7
ACCESSORIES	8



WATERPROOF CONNECTION SYSTEM



Ratio Electric has designed the MP 16 (16A/250V) and MP32 (32A/250V) system to offer a waterproof, stylish and approved shore power connection system for your boat. ¹⁾ The system is based on the world standard for outdoor connections (the IEC 60309) and features a boat inlet ²⁾ and a mating connector (moulded or assembled).



STAINLESS STEEL INLET

The MPI6 and MP32 inlets are made from solid cast marine grade 316 stainless steel and include an easy locking waterproof cap.

- 1) The requirements for installation of electrical systems on craft of hull length up to 24m are specified in the ISO 13297 standard.
- 2) MPI6 inlet will not accept standard CEE couplers.



Argos-Line 1250 Argos Yachts use Ratio Electric Shore Power connections as a standard.



CABLE CONNECTORS

The MPI16 and MP32 cable connectors are available in a moulded watertight version as well as an assembly (rewireable) type. All types include a weatherproof sealing cap to ensure CE compliance.

Moulded connector

- LED power indication
- Watertight moulded construction



Assembly connector

- Weatherproof marine construction
- Easy assembly
- 16A and 32A version



LED Power indication

The MPI16 and MP32 connection system designed by:



product development and design for the plastics industry

www.3de.nl



Contest 60CS
Contest Yachts use
Ratio Electric Shore Power
connections as a standard.



MPI6 SHORE POWER SYSTEM

16A/250V

16A/250V Stainless Steel Inlet

- Part no. MPI6-10
- Approval: KEMA
- Marking: CE
- Waterproof: IP56



16A/250V Cord Set

- Approval: KEMA
- Marking: CE
- Waterproof: IP56
- Pur cable (H07BQ-F)
- Watertight moulded plug and connector
- LED power indication



MPI6 CORD SETS

PART NO.	DESCRIPTION	LENGTH
2801	MP16 Cord Set with H07BQ-F 3G1,50mm ² (PUR) Yellow cable	15m
2802	MP16 Cord Set with H07BQ-F 3G1,50mm ² (PUR) Yellow cable	25m
2821	MP16 Cord Set with H07BQ-F 3G2,50mm ² (PUR) Yellow cable	15m
2822	MP16 Cord Set with H07BQ-F 3G2,50mm ² (PUR) Yellow cable	25m

16A/250V Connector

- Part no. MPI6-110
- Marking: CE
- Recommended Cable:
H07BQ-F 3G1,50mm² and 3G2,50mm²





MP32 SHORE POWER SYSTEM

32A/250V



32A/250V Stainless Steel Inlet

- Part no. MP32-10
- Marking: CE
- Waterproof: IP56



32A/250V Cord Set

- Marking: CE
- Waterproof: IP56
- PUR cable (H07BQ-F)
- Watertight moulded plug and connector
- LED power indication

MP32 CORD SETS

PART NO.	DESCRIPTION	LENGTH
2836	MP32 Cord Set with H07BQ-F 3G4,00mm ² (PUR) Yellow cable	15m
2832	MP32 Cord Set with H07BQ-F 3G4,00mm ² (PUR) Yellow cable	25m

32A/250V Connector

- Part no. MP32-110
- Marking: CE
- Recommended Cable: H07BQ-F 3G4,00mm²





MARINCO COMPATIBLE CORD SETS

16A/250V

- Moulded 3-pin CEE plug
- Moulded Marinco compatible plug
- Threaded locking ring
- Weatherproof protection cap
- LED power indication
- Marking: CE



Marinco MCP16 Cord Set

Nema L5-30

MARINCO COMPATIBLE CORD SETS

PART NO.	DESCRIPTION	LENGTH
2814	MCP16 Cord Set with H07BQ-F 3G1,50mm2 (PUR) Yellow cable	15m
2815	MCP16 Cord Set with H07BQ-F 3G1,50mm2 (PUR) Yellow cable	25m
2811	MCP16 Cord Set with H07BQ-F 3G2,50mm2 (PUR) Yellow cable	15m
2812	MCP16 Cord Set with H07BQ-F 3G2,50mm2 (PUR) Yellow cable	25m

CEE EXTENSION CORD SETS

16A/250V

- Moulded 3-pin (male) CEE plug
- Moulded (female) CEE connector
- Weatherproof protection cap
- LED power indication
- Marking: CE



CEE Extension Cord Set

CEE EXTENSION CORD SETS

PART NO.	DESCRIPTION	LENGTH
2830	CEE16 Cord Set with H07BQ-F 3G1,50mm2 (PUR) Yellow cable	15m
2831	CEE16 Cord Set with H07BQ-F 3G1,50mm2 (PUR) Yellow cable	25m
2834	CEE16 Cord Set with H07BQ-F 3G2,50mm2 (PUR) Yellow cable	15m
2835	CEE16 Cord Set with H07BQ-F 3G2,50mm2 (PUR) Yellow cable	25m



SHORE POWER CABLE

Ratio Electric uses PUR (H07BQ-F) cable for all its cord sets.

The same cable can also be supplied on 50m spools.

PUR cable offers the best available features for boat owners:

- Good resistance to oil and other chemicals;
- Extremely robust and noted for its good tear and abrasion resistance;
- Suitable for outdoor lying and resistant to UV radiation, ozon and oxygen.

Shore power cable, 50m spool

- Approval: KEMA
- Marking: H07BQ-F



SHORE POWER CABLE		
PART NO.	DESCRIPTION	MAX. RATING
70030	Shore Power H07BQ-F 3G1,50mm ² (PUR) Yellow cable	16A
70031	Shore Power H07BQ-F 3G2,50mm ² (PUR) Yellow cable	25A
70032	Shore Power H07BQ-F 3G4,00mm ² (PUR) Yellow cable	32A
70033	Shore Power H07BQ-F 3G6,00mm ² (PUR) Yellow cable	40A
70034	Shore Power H07BQ-F 3G10,00mm ² (PUR) Yellow cable	63A

PUR cable supplied by:



When flexibility counts



SHORE POWER ACCESSORIES



Organiser Bag
• Part no. 70021



Adapter Cord Set 16A/250V
• Part no. 70022
• Length 0,30m



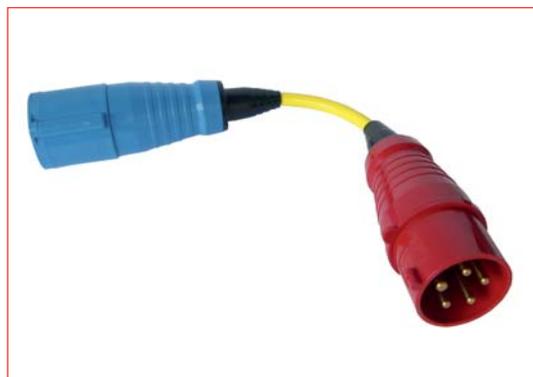
Splitter Cord Set CEE
16A/250V
• Part no. 70021
• Length 0,50m



Adapter Cord Set 16A/250V
• Part no. 70026
• Length 0,30m



Adapter Cord Set
16A to 32A/250V
• Part no. 70035
• Length 0,50m



Adapter Cord Set
32A 3-phase to single phase
• Part no. 70036
• Length 0,50m

About Ratio Electric

Ratio was founded in 1960 as manufacturer of cable assemblies. In 1998 the name was changed to Ratio Electric.

Today it offers two product families: Industrial Electrical and Marine Electrical Products.

Products are sold in Europe to original equipment manufacturers (OEMs) and value resellers (VARs).

Visit us at www.ratio-electric.com

Ratio Sailing Team

Visit us at www.ratiosailingteam.com



Ratio
ELECTRIC

Pogo 40

Ratio Electric

Ratio
ELECTRIC

Ratio Electric B.V.
Ambachtsstraat 12
3861 RH Nijkerk
The Netherlands

Tel. +31(0)33 245 23 60
Fax +31(0)33 245 31 54
info@ratio.nl
www.shore-power.info