POWER SERIES

UNDERWATER AND HARSH ENVIRONMENT CONNECTORS

The Power series offers a high-performance, dependable connector solution to accommodate the ever growing power requirements of underwater system operators and industries. The series comprises five standard connectors, supported by a number of custom-made solutions.

All based on the connector and contact design, the Power series includes a single contact power connector, three battery charging connectors (2, 3 and 4 contacts) and a 4-contact high power connector. The single contact power connector is designed for use with a selection of cable sizes and can be operated at up to 3 kV and 250 A. The battery charging connectors are suitable for carrying up to 25 A per contact. The 4-contact high power connector is suitable for 600 V at 50 A per contact and is supplied in standard inline and bulkhead configurations.

For easy integration with systems and equipment, Power series connectors are available with dedicated cables, polyoxymethylene (POM) or stainless steel locking sleeves and pressure-proof dummy connectors. All standard cables for the S Power series are of the flexible and water-resistant chloroprene rubber.

Applications
Power supply for offshore oil and gas, renewable energy and subsea systems
Power supply for remotely operated vehicles (ROV) and subsea trenching machines
Marine battery pack charging
Power supply for underwater pump units
Hazardous environment power supply

Options
Customised harness cables and direct moulding to compatible polyurethane (PUR) cables
Customer specified connector body material and cable lengths
Field installable versions for all Power series connectors

OUR ADVANTAGES

EASY SOLUTIONS
ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUESTON A SHORT NOTICE AND EFFECTIVELY.

NO PRICE FIGHTS
WE ESCAPED THE OLASSICAL REBATE UNTILYOU DROP " POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE
QUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDINDRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION
WE CONTINUOUSY MEASURE EVERYTHINGTEST . TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS . ANDBEPREPARED

NO FORTUNE TELLER
WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPINGA'NOTTODO LISTFOR EVERYOVE OF THEM

TEAM BUILDING
OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LKEA TEAMWE WINLIKE A TEAM

APPLICATION

Marine Renewable Energies

Diving

Oil and Gas

Towed Streamers

Submarines

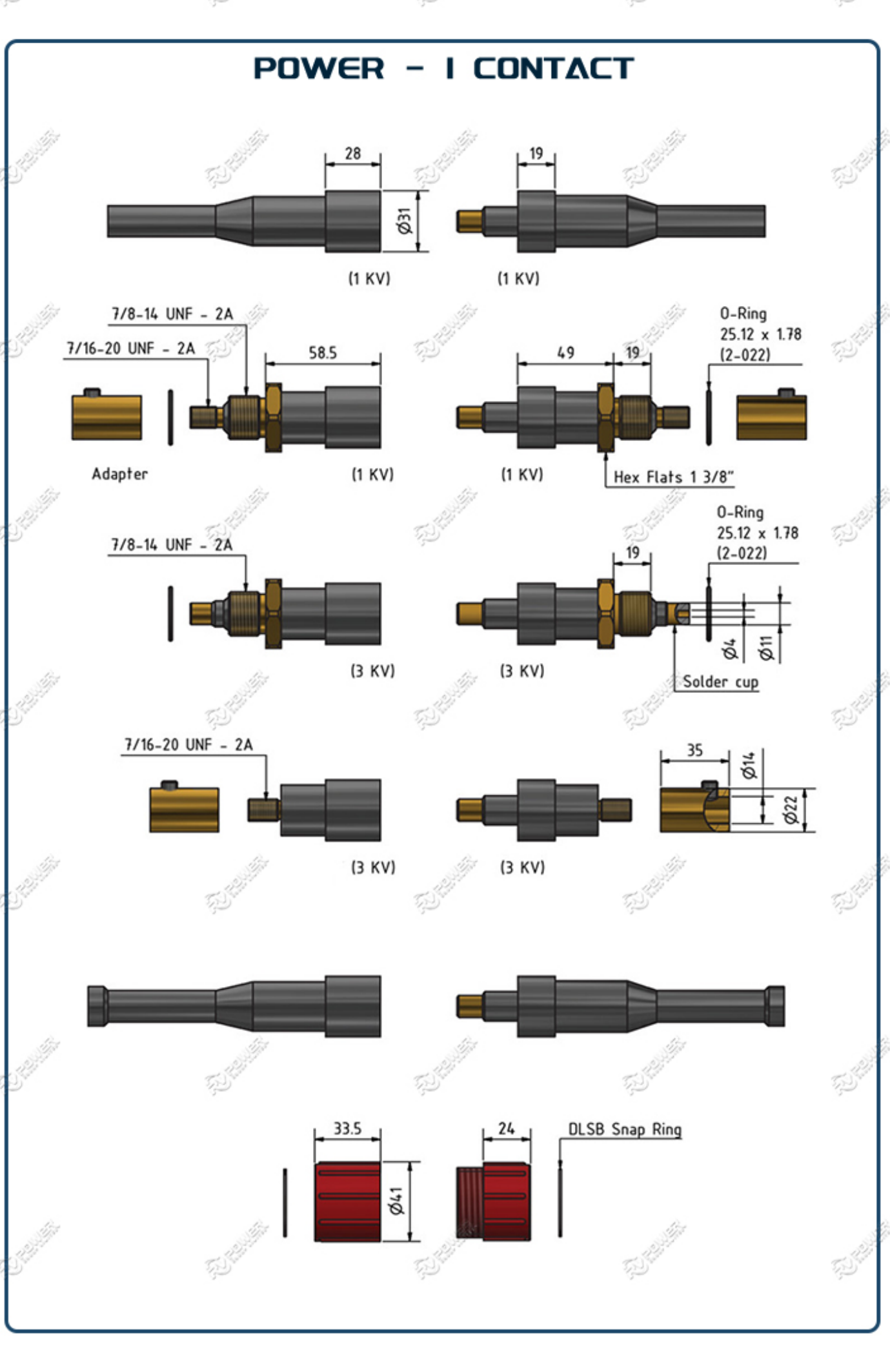
Water Treatment

ROVs & AUVs

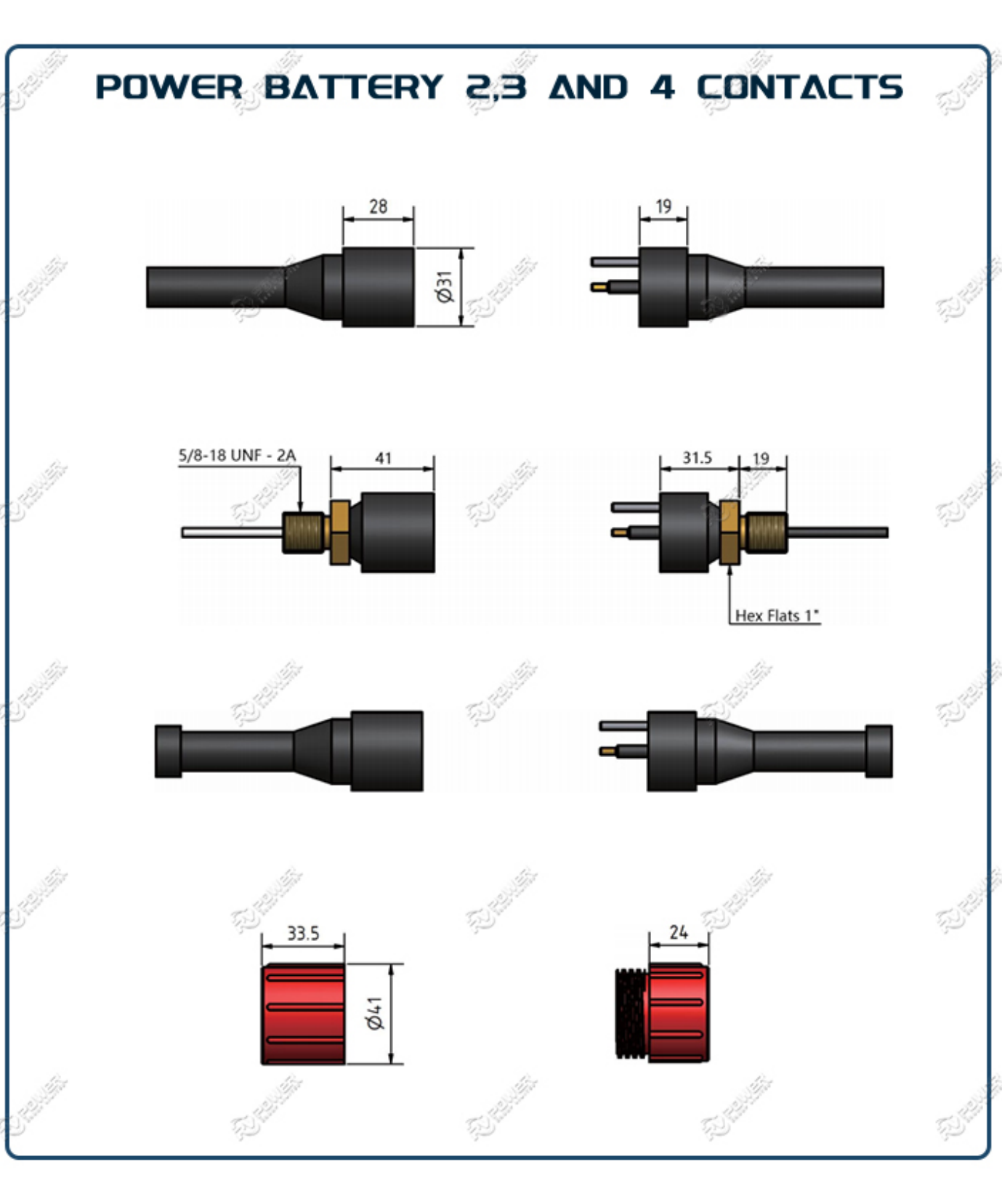
Vessels

Geophysics

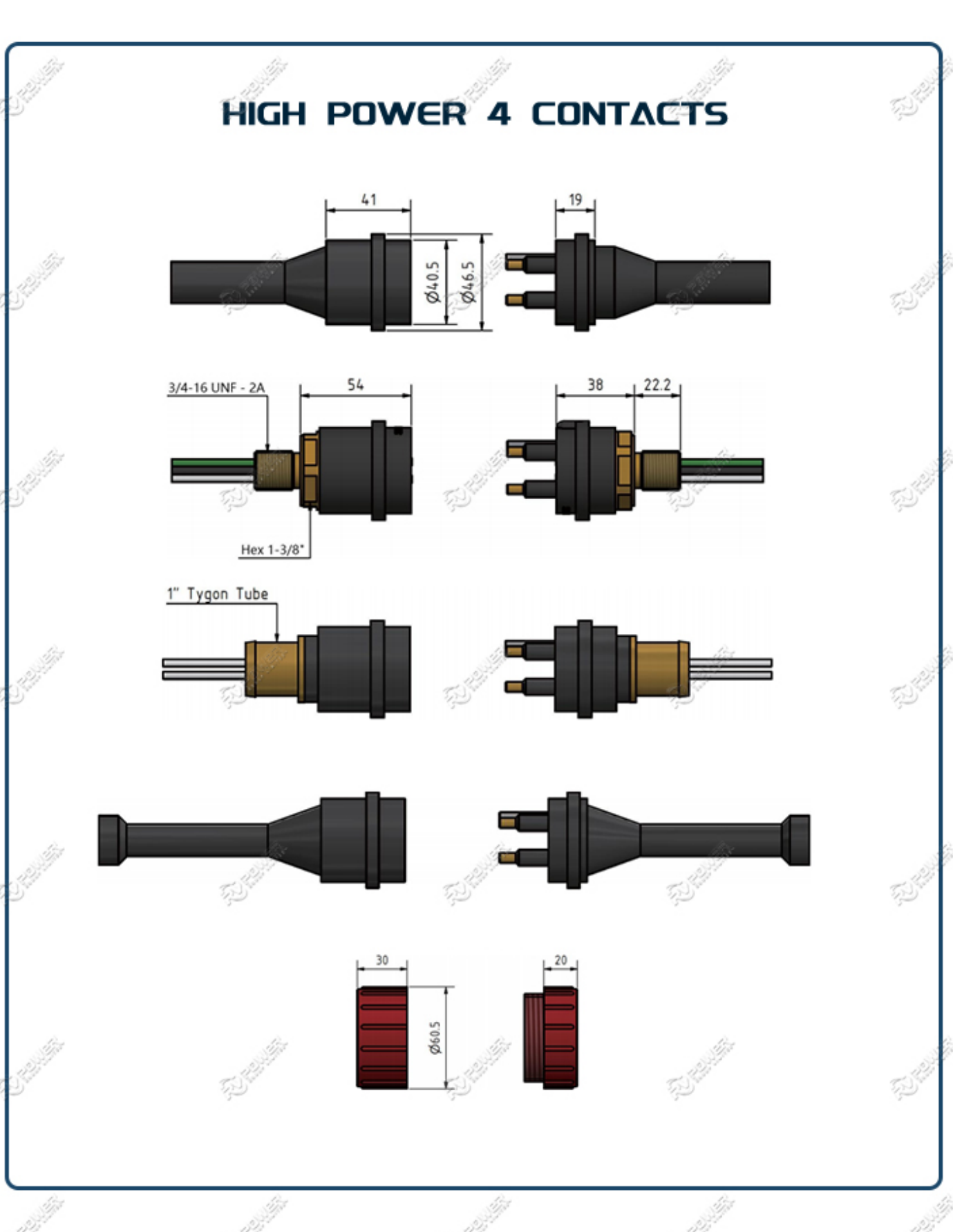
POWER – I CONTACT


28
Ø31
(1 KV)
19
(1 KV)
7/8-14 UNF - 2A
7/16-20 UNF - 2A
58.5
Adapter
(1 KV)
49
19
O-Ring
25.12 x 1.78
(2-022)
(1 KV)
Hex Flats 1 3/8"
7/8-14 UNF - 2A
(3 KV)
19
O-Ring
25.12 x 1.78
(2-022)
Ø4
Ø11
Solder cup
(3 KV)
7/16-20 UNF - 2A
(3 KV)
35
Ø14
Ø22
(3 KV)
33.5
Ø41
24
DLSB Snap Ring

POWER BATTERY 2,3 AND 4 CONTACTS


28
Ø31
19
5/8-18 UNF - 2A
41
31.5
19
Hex Flats 1"
33.5
Ø41
24

HIGH POWER 4 CONTACTS

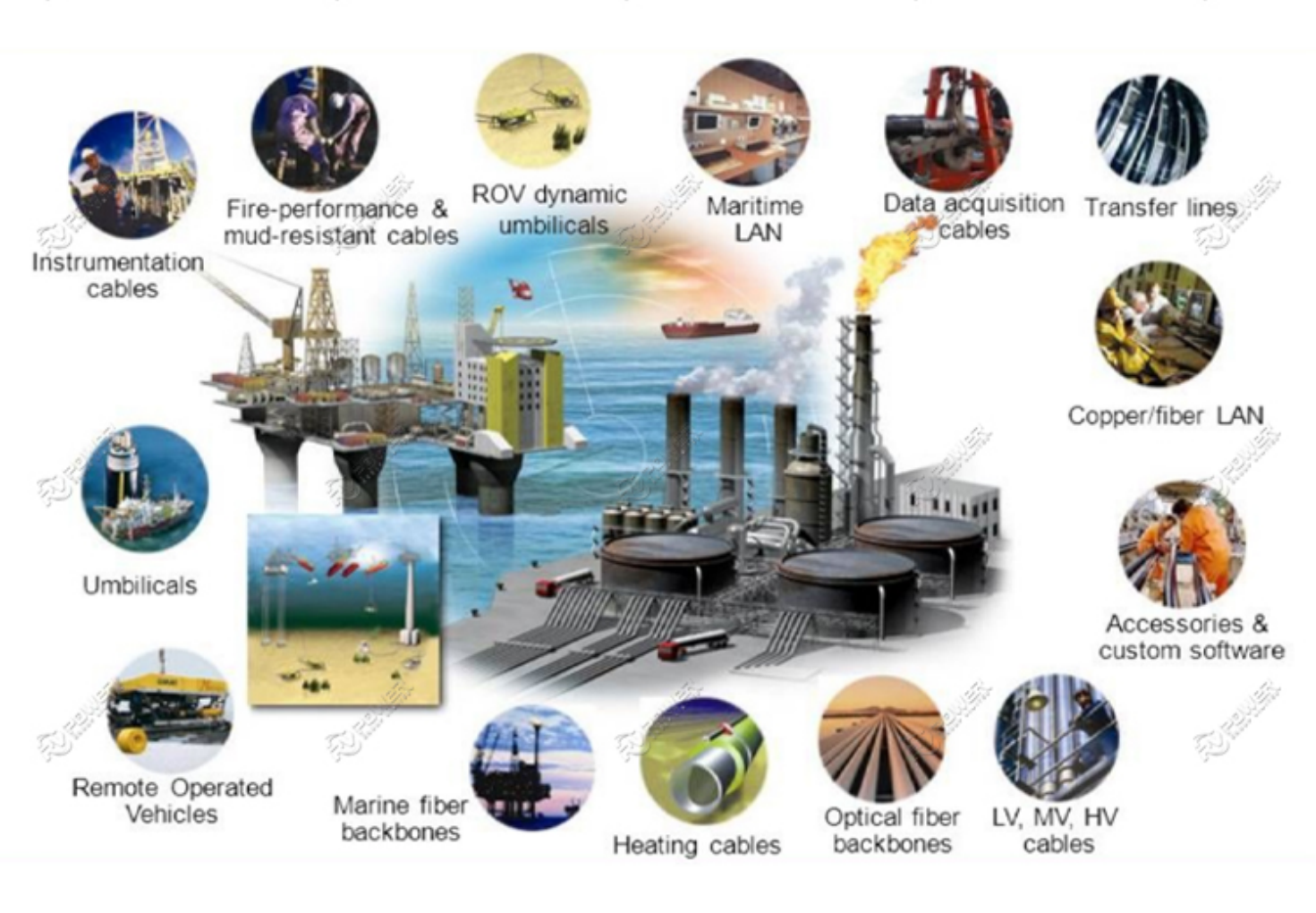

41
Ø40.5
Ø46.5
19
3/4-16 UNF - 2A
54
Hex 1-3/8"
38
22.2
1" Tygon Tube
30
Ø60.5
20

SUBSEA CONNECTORS AND SUBSEA CABLES

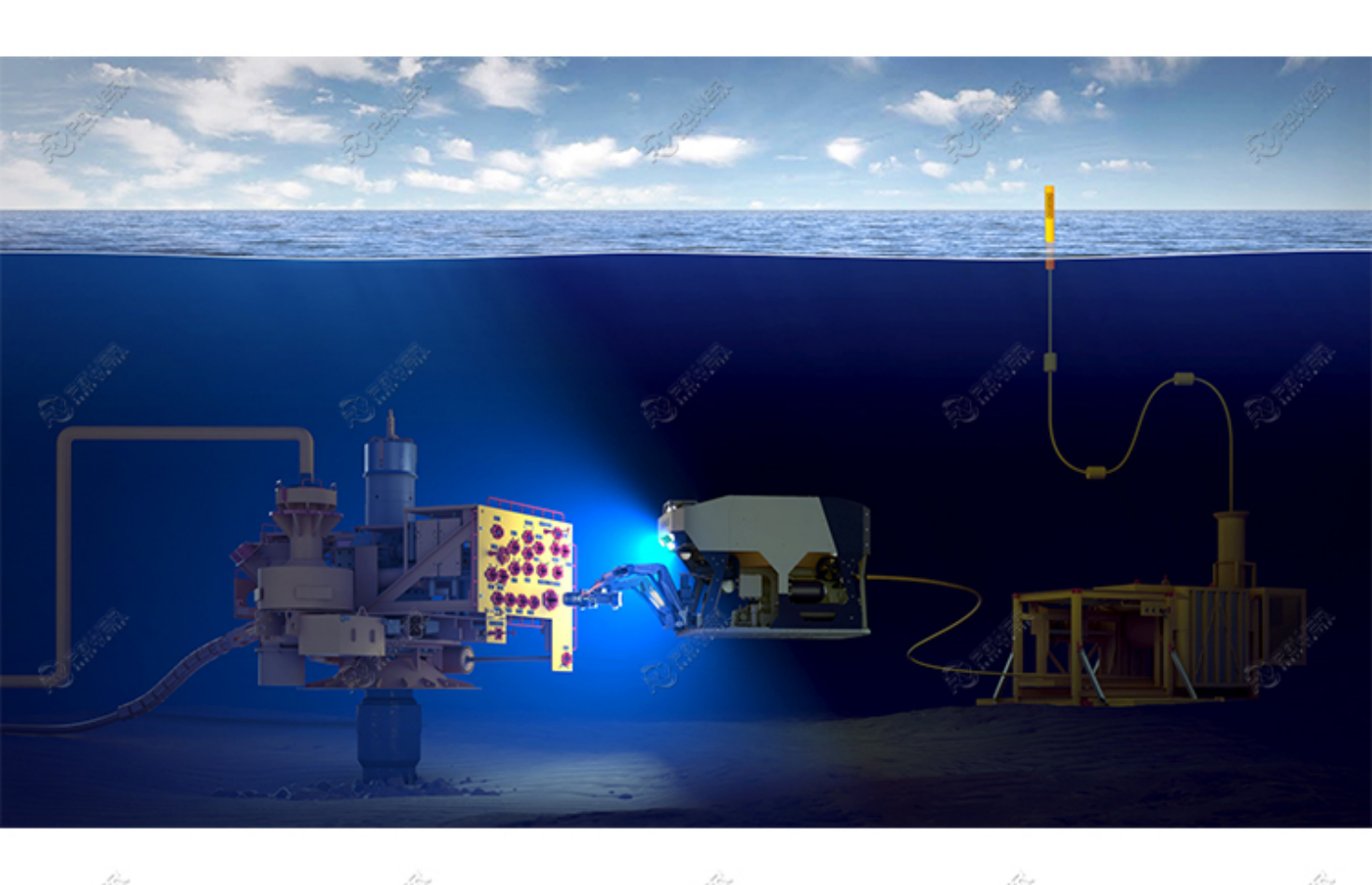
RV POWER GROUP is a underwater connector factory in China. We are a global supplier focusing on the ocean (marine) solution for underwater connectors and cables. Specializing in the design, manufacture, sales and service. If your project is in the design stage, we can provide engineering assistance with the professional advice. If your requirements are already specified and ready for quote, we will try our best to meet your deadlines and pricing targets and finally deliver the high-quality stable products as you need.
RV POWER GROUP subsea connectors and subsea cables are suitable for oceanographic systems, offshore oil and gas, defense systems, geo-seismic research, diving systems and equipment, ship projects, subsea survey, underwater instruments, mining equipment, underwater monitoring/inspection/obervations, underwater data logger,subsea navigator, hydrography equipment, aquaculture farm and services inspection, underwater robotics like remote operation vehicles (ROV's & ROTV's) and autonomous Underwater Vehicles (AUV), and submarines, ship towed sonars and underwater acoustic devices, etc.
With the state-of-the-art technology and professional engineer team, we believe you find the right partner here with excellent service. In case you do not find a suitable solution within our standard range, please do not hesitate to contact us for customization.

Underwater and harsh environment connectors

Circular Series
Micro Circular Series
Low Profile Series
Micro Low Profile series
Ethernet Series
Optical fiber and Power Series
Power Series
Split Series
Aviation plug Series
Coax series
Metal Shell series
RMG Series
55 Series
Specials Series
Underwater PUR Cable
ROV Tether Cable
Additional accessories


Instrumentation cables
Fire-performance & mud-resistant cables
ROV dynamic umbilicals
Maritime LAN
Data acquisition cables
Transfer lines
Copper/fiber LAN
Umbilicals
Accessories & custom software
Remote Operated Vehicles
Marine fiber backbones
Heating cables
Optical fiber backbones
LV, MV, HV cables

MICRO CIRCULAR SERIES UNDERWATER AND HARSH ENVIRONMENT CONNECTORS



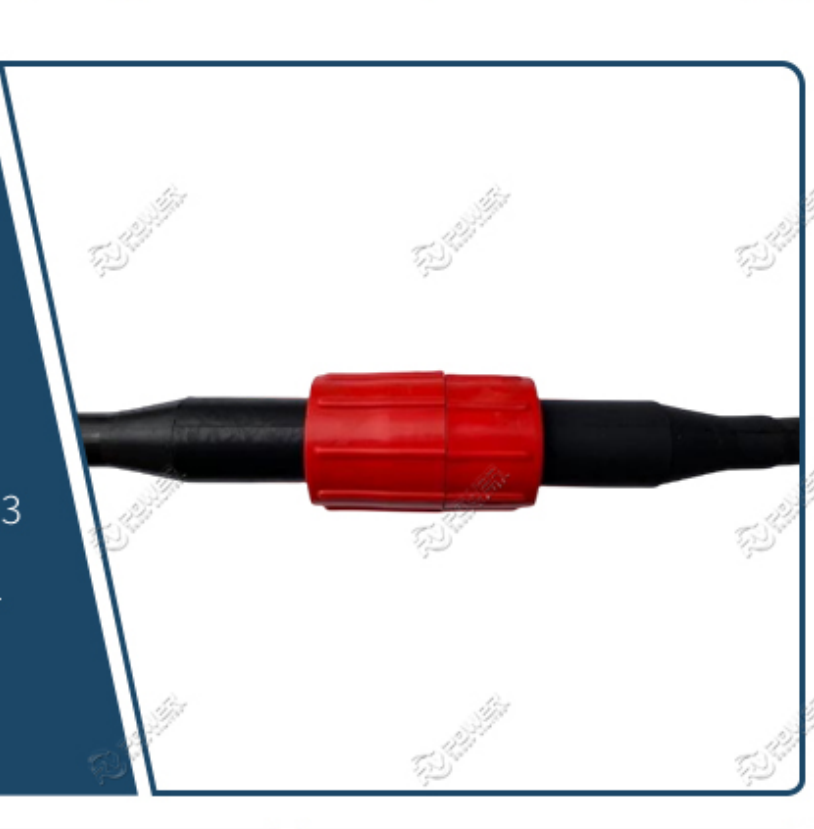
DETAIL DISPLAY

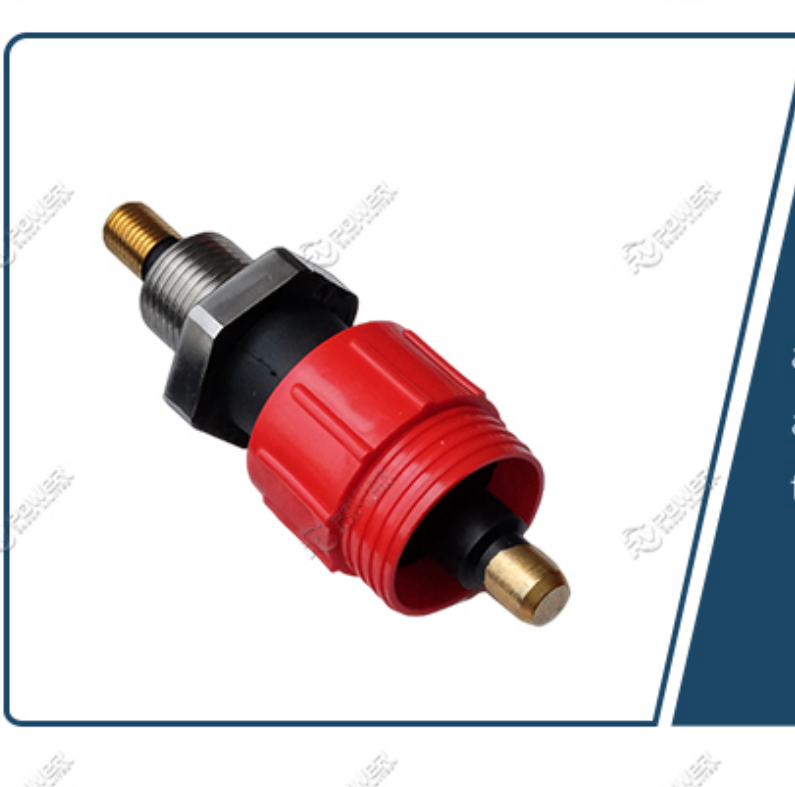
ONE

high-performance, dependable connector solution to accommodate the ever growing power requirements of underwater system operators and industries

TWO

includes a single contact power connector, three battery charging connectors (2, 3 and 4 contacts) and a 4-contact high power connector



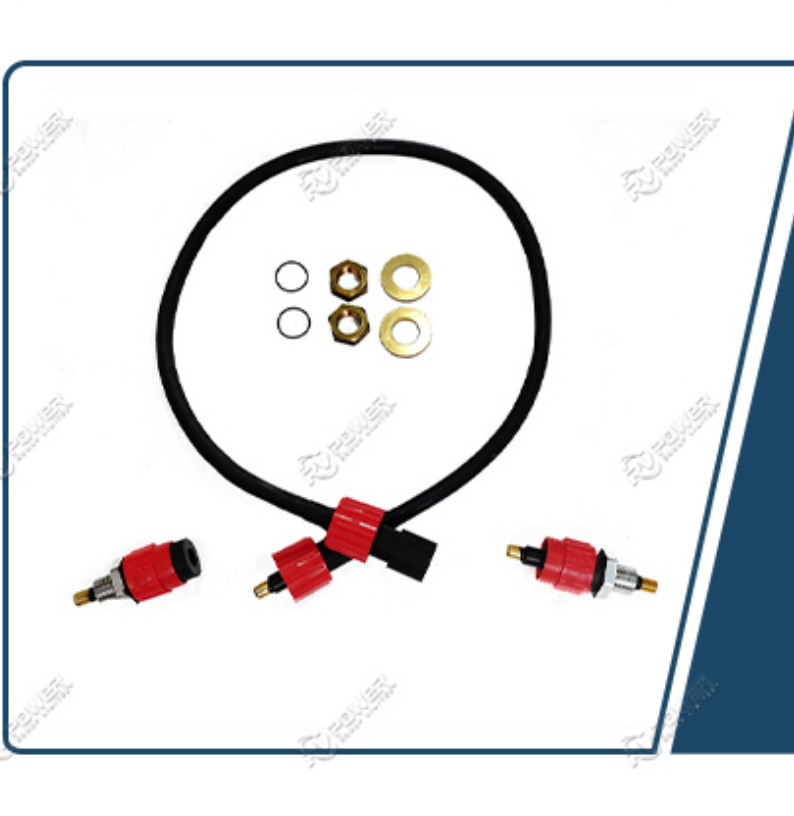


THREE

a selection of cable sizes and can be operated at up to 3 kV and 250 A

FOUR

supplied in standard inline and bulkhead configurations.



FIVE

The 4-contact high power co nector is suitable for 600 V at 50 A per contact

OIL RESISTANT
HALOGEN FREE
ABRASION RESISTANT
UV RESISTANT
MUD RESISTANT

FLAE RESISTANT
COLD RESISTANT
OZONE RESISTANT
MICROBE RESISTANT
WATER RESISTANT