



Walther

Electrotechnical Systems



POWER DISTRIBUTION SYSTEMS



Walther Electric is an international company that is committed to outstanding service and providing electrical interconnect products and power distribution systems to customers & industries around the world. Walther Corporate Headquarters is located in Eisenberg, Germany with full service subsidiaries in The United States, The United Kingdom, France and Austria. Our “Global Team” is made up of highly respected and industry qualified representative agents in more than 70 countries.

Established in 1897 - and from the very beginning Walther has been known for its progressive engineering and innovative product designs and manufacturing capabilities. All Walther products are designed and manufactured to not only meet but to exceed industry requirements for greater safety and customer performance demand.

Walther Electric’s innovative and technical product portfolio includes IEC 60309 Pin & Sleeve interconnect devices, Procon “Heavy Duty” rectangular connectors, power distribution units and systems, motor disconnect and switched safety devices, “e-Mobility” electric vehicle charging interconnect devices and charging stations.

At our North American Headquarters located in Somerset, New Jersey we are proud of our “Engineering and Technical Team” coupled with a talented inside support staff that is always ready to assist you “Our Customer” in the design/specification process and in the manufacturing of “YOUR” power distribution or control system requirements.

When you are in need of quality electrical interconnects, power distribution systems, and industry knowledgeable service, call Walther Electric, **“WE ARE”** your complete solution provider.



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POWER DISTRIBUTION UNITS, SYSTEMS & PANELS Standard Off-The-Shelf and Custom-Built “Turn-key Solutions”

Walther Electric welcomes the opportunity to supply off-the-shelf ready-made units; to manufacture custom power distribution units and power distribution systems; or to manufacture power panels that are built to your exact requirements. Our application engineers are ready to provide the necessary support and assistance needed during the technical specifications and design process.

General Description

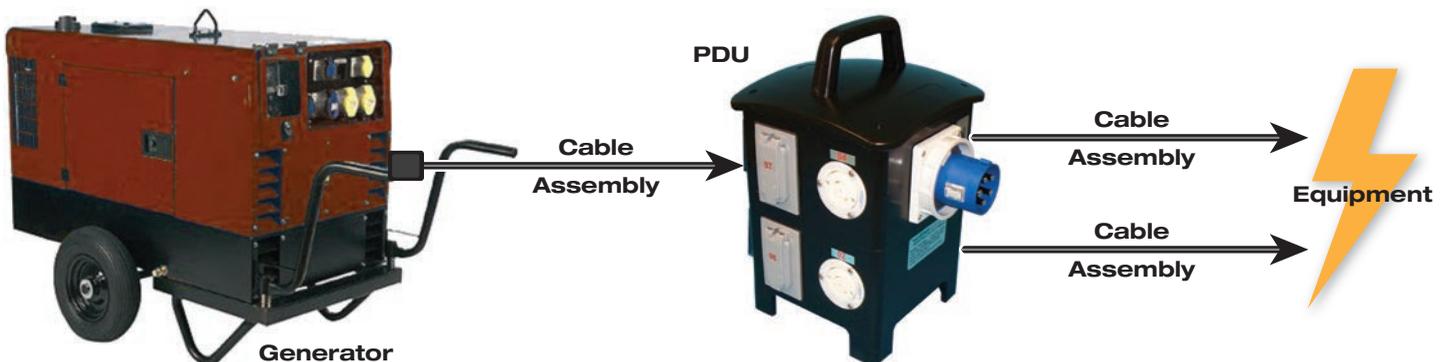
Walther Electric offers unique, custom-built power distribution units and systems, integrating multiple variations of receptacles plus the installation of a power inlet that combined in a single unit is industry referred to and identified as a “Combination Outlet.”

Combination outlets combine multiple like receptacles or an assortment of various different receptacles into one compact enclosure. By integrating numerous receptacles into one electrical enclosure, multiple conduit runs with individual branch circuit wiring can be eliminated. As a result, installation and material costs are significantly reduced. The combination outlets are shipped completely wired and ready to use. In most applications, our combination outlets will require only one connection to an incoming current supply to be ready for use.

Walther combination outlets can be constructed using IEC 60309 Pin & Sleeve devices, standard NEMA-type devices, CAM-style single-pin connectors, stage-pin (Bates) type connectors, or by using practically any other type of receptacle or outlet that meets your specific requirements.

Safety is also woven into each Walther combination outlet via overload protection typically with built-in circuit breakers. The breakers are easily accessible by opening the see-through side-entry cover/door. Additionally Walther combination outlet systems are available fused, with RCDs, GFCI breakers or with virtually any type of overload protection that meets your requirements. Each portable power distribution unit (PDU) is inspected and tested. A copy of the test results certificate is provided with the shipment of each unit. Additionally, the test data is archived and can be retrieved for future reference.

Think of “Combination Outlets” as being a heavy-duty, industrial-quality, breaker-protected, surge suppressor. Walther Electric is your total “Turn-key Solutions Provider.” ***“If you can think it, we can build it!”*** Call or e-mail your requirements today and become a believer.





The Who, What, Where, When and How of PDU's

The ancient adage of *Who, What, Where, When and How* seems to have been coined for Walther PDU/PDS products.

Who can use the Walther products and systems that are presented in this catalog? Practically any company or organization that requires portable, safe-power distribution.

What specific industries or organizations have used Walther PDU/PDS systems? Those listed below are the most prominent types of user.

Where are the units used? Simply stated, virtually anywhere portable power is required indoors or outdoors, from heavy-duty dirty environments such as shipyards and construction sites to super clean locations such as hospitals and test & analysis laboratories.

When are they used? In some instances, when a temporary additional power source is needed such as at convention and exposition centers for trade show displays. Power sources are supplied for the displays, and at the conclusion of the shows, the power sources are removed with the PDUs stored until the next trade show. Our units also may be used as a permanent power source primarily where conduit/hard wiring is not possible.

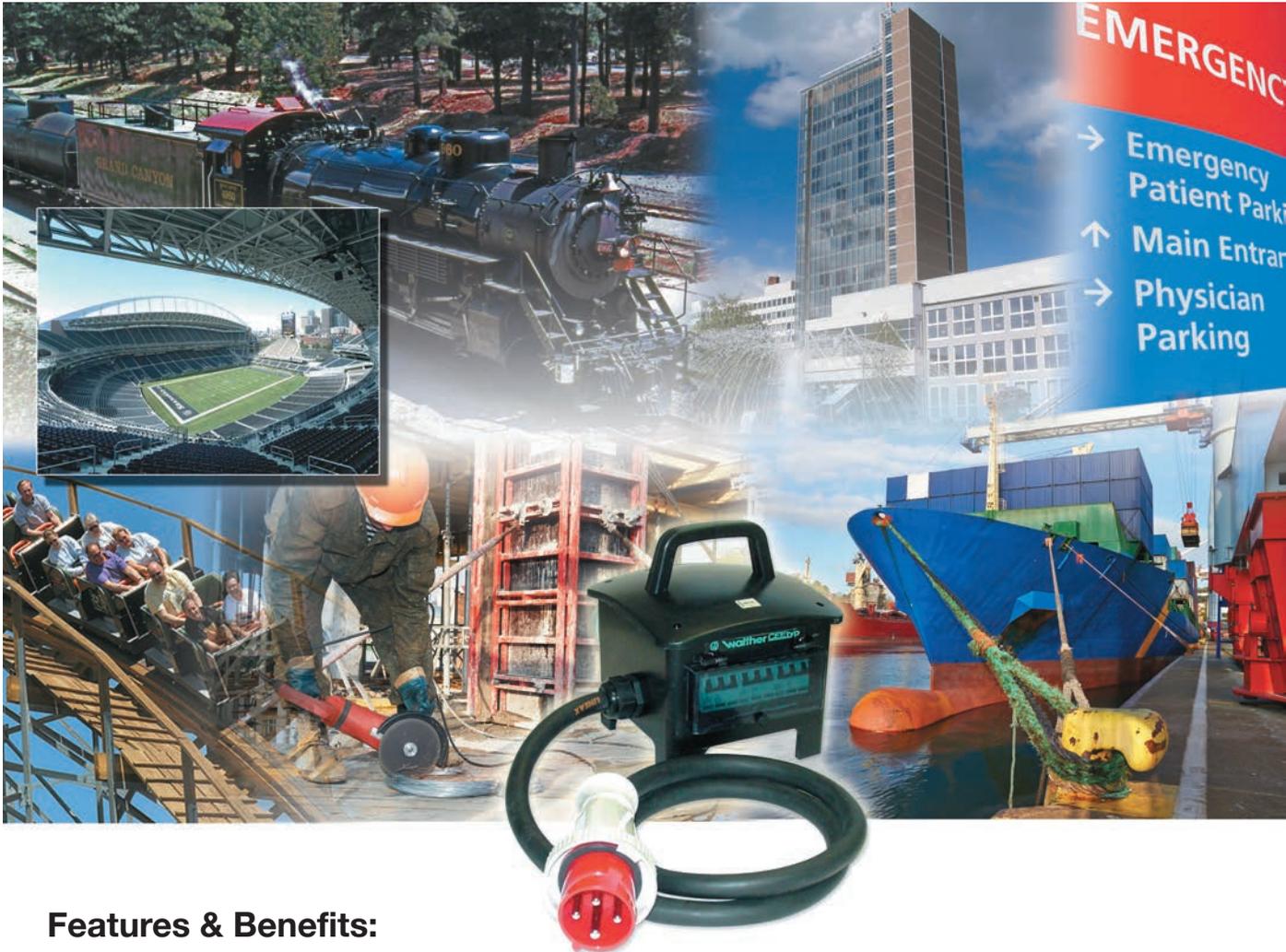
How are the Walther PDU/PDS units used? They are really quite simple to use and setup requires little time. Start with a power source – such as a generator – connect the power cable from the generator to the PDU power inlet. The unit is now energized and ready for use.

All units have multiple receptacles that can be simultaneously used for different power needs. Walther PDU/PDS units have literally been used around the world including at several well known venues as at the Olympics, the Emmy's and several Super Bowl games.

Remember, if you can think it, we can build it!

Common Users

-  Exhibition & Convention Centers
-  Shipyards – Dockside & Shipboard
-  Cruise Ships
-  Data Centers
-  Entertainment / Concerts
-  Orchestras & Musical Groups
-  Military
-  Nuclear Facilities
-  Hotels & Casinos
-  Airports
-  Railroads & Mass Transit
-  Sports Complexes
-  Theme & Amusement Parks
-  Fire Departments
-  Municipalities
-  Universities & Schools
-  Hospitals
-  Power Rental Companies
-  Television & Stage
-  Fairgrounds & Carnivals
-  Industrial Plants
-  Test & Analysis Labs
-  Breweries
-  Construction Job Sites



Features & Benefits:

- ✚ Solid Rubber enclosure is “non-conductive” for indoor or outdoor use
- ✚ Compact, strong and portable easy-to-carry top handle
- ✚ Units can be custom built to your exact specifications
- ✚ Versatile design allows for multiple types of interconnects i.e. IEC 60309, CAMLOKS, stage pins, NEMA devices
- ✚ Internal breaker or fuse protected under a transparent side-entry, hinged cover
- ✚ Modular design allows for “multiple-tier” custom construction
- ✚ Black color allowed for use in nuclear facilities
- ✚ Durable thick-wall construction
- ✚ UV resistant allows for use outdoors or in harsh environments



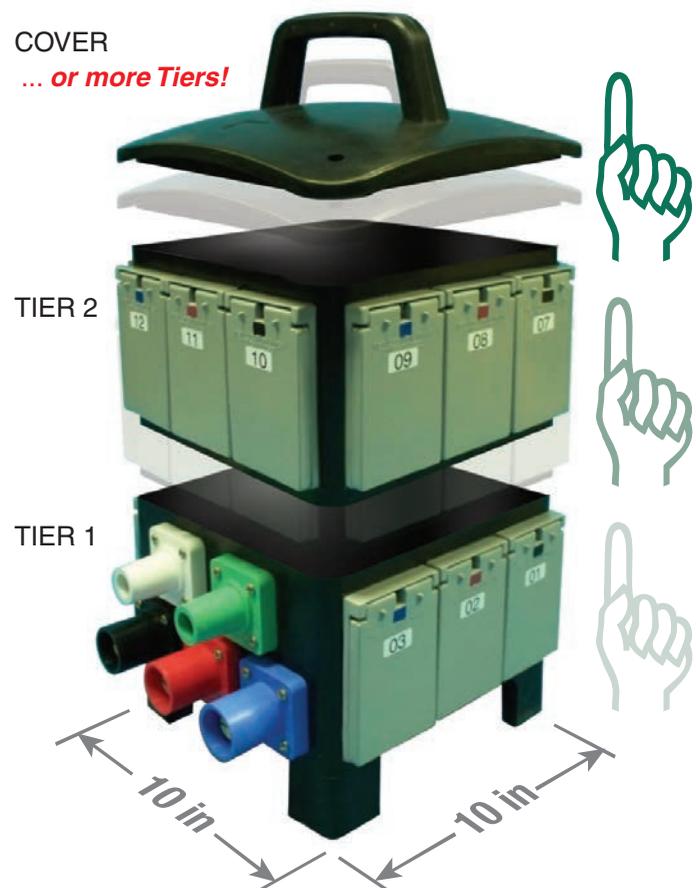
Walther Electric Power Distribution Units - PDU's - are available in several different configurations, however, the most common is our Hibachi portable carry unit. This style of PDU is extremely compact, only ten inches square (10" sq.) and has a single comfortable and robust top mounted carry handle. The Hibachi units are easily moved from one location to another quickly and usually requiring just one person to accomplish the move. The units are made from an extremely durable vulcanized rubber. We also have HEB units available for indoor and outdoor applications that are ready to ship from stock. If you do not see a ready-made unit that fits your requirements we will build one to your exact specifications.

Modular Design

Because of its modular PDU design Walther offers compact versatility that no other portable power distribution manufacturer can. There is no need to expand outward to demand more valuable floor space in order to accommodate more power outlets, we simply move up. This vertical expansion allows our product to supply more plug in opportunities within a very compact use of floor space. As shown in the following illustration we simply add modules to accommodate your need for additional power access.

***We start with a single tier ...
we then move upward maintaining
the same demand for floor space!
...Two tiers, Three, Four or More!***

***Never requiring more
than a 10" square!***





Entertainment & Recreation - Conventions & Trade Shows - Theme Parks & Sporting Events

Wherever people gather for fun or for business, electrical power is required and consumed. Nearly everything we use today either has a built-in cord or an access port to connect cords that need to be plugged in for immediate use or to recharge a battery.

In the entertainment industry, as for a concert, power is needed for instruments and speakers, and theatre stages need power for props and lighting. Conventions and trade shows require huge amounts of electricity, especially when hundreds of display booths are assembled and each booth requires power for lighting, computers, monitors and machines.

Amusement/theme parks are built around special displays and rides for every imaginable human thrill. It is impossible to have every electrical need met with hard wiring.

Sporting events, especially the larger venues such as the Olympics, have needs for timing devices, recordings, scoreboards, TV cameras and speakers. Also, the Superbowl demands power for its pre-game and halftime pageantry, concession stands, TV and radio equipment, and more.

All of these are examples of occasions when there is a great need to draw electricity. This is where Walther PDUs come into play.



Input: (5) CAMs, 400A, 120/208V
Output: (6) 30A HBL2626-250V,
 (2) 20A HBL2726-250V,
 (5) 400A CAMs with covers

Overload Protection: (8) 30A MCB's,
 (2) 20A Duplex Protection MCB's
Weight: Approximate 80lbs

Input: (1) L14-30 Inlet 250V,
 2P+N+GND
Output: (6) 20A GFCI with
 weather proof cover
Overload Protection: (6) 20A, 1P MCB
Weight: Approximate 20lbs





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Power Distribution Units

Entertainment & Recreation - Conventions & Trade Shows - Theme Parks & Sporting Events

Input: (1) 60A IEC60309 Inlet
3P+N+GND
Output: (2) 30A IEC60309 Receptacles
Overload
Protection: (2) 30A 3 Pole MCB
Weight: Approximate 25lbs



Input: 10Ft Cable 2/4C
Output: (4) 20A GFCI, (4) L14-30
Overload
Protection: (4) 2P 30A MCB, (4) 1P 20A MCB
Weight: Approximate 45lbs



Input: (1)HBL2811 Plug 30A
8/5C SOOW Plug
Output: (3) HBL2626 Receptacle
30A 250V L6-30R
Cable: 6 ft
Weight: Approximate 15lbs





Marine / Shipyard & Welding

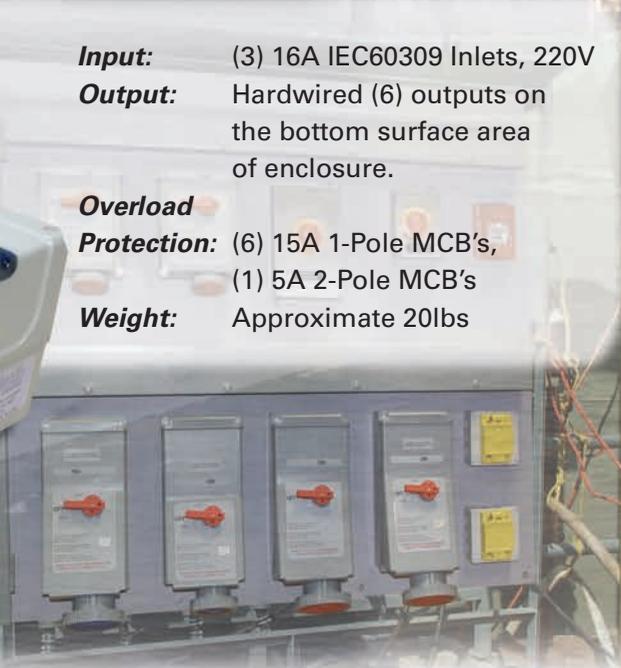
Power from a dockside power source must be distributed to areas of need. There is always need for power around a shipyard. Typically, a dry-dock will have from four to eight power racks spread out equally on each side over lengths of 600 feet or more. New builds or repair work on dry-docked ships require power for every imaginable type of power tool – drills, sanders, welders and lighting ... to name but a few. Likewise, aboard ship there are a limited number of power outlets installed along the bulkheads. When there is need for additional areas to plug in, that's where Walther PDU's go to work.

Input: 100A IEC60309 Inlet
Output: (9) 30A L5-20
Overload
Protection: (9) 1-Pole 20A MCB
Weight: Approximate 60 lbs



Input: (3) 16A IEC60309 Inlets, 220V
Output: Hardwired (6) outputs on the bottom surface area of enclosure.

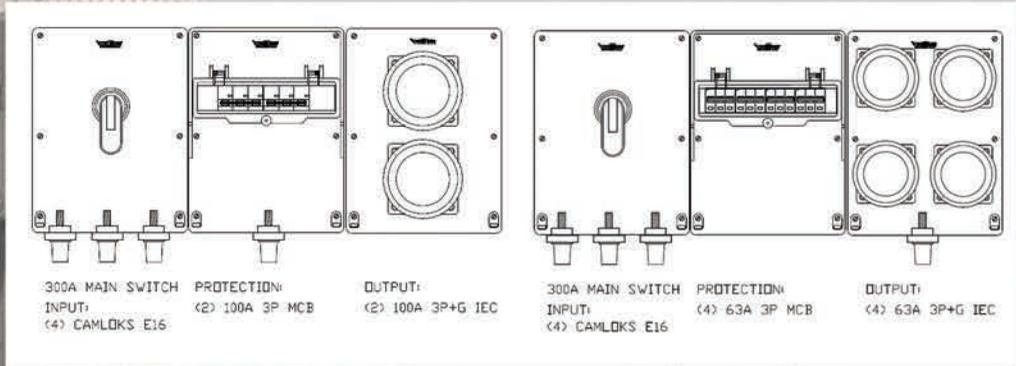
Overload
Protection: (6) 15A 1-Pole MCB's,
 (1) 5A 2-Pole MCB's
Weight: Approximate 20lbs





Marine / Shipyard & Welding

For companies that specialize in welding and cutting equipment rentals Walther Electric offers a new and compact power distribution solution (PDS)! There are many potential users and applications for the welding (PDS) that include large steel fabricators/erector companies, independent operators, mechanical contractors, shipyards, and sheet metal manufacturers. The PDS is designed with an on/off switch that is easily assessable to workers using welder packs. The switch location offers an added safety feature to the user. Additional safety and “water protection” is designed into the PDS with the use of Walther IEC60309 plugs and receptacles.





Manufacturing & OEM's / Factories & Plants / Construction Sites

Industrial production – all facets of manufacturing from pharmaceuticals to computers, to machinery, to automobiles and even including food processing – would never come to fruition without electricity. We are an industrialized nation, one that depends on electricity. Design engineers attempt to arrange for every power need when designing an industrial building, factory or plant. However, in many instances, the original locations for power plug-ins are nearly immediately obsolete. When this occurs, the quickest and safest solution is via a Walther PDU. Our additional power plugs can be in your location in a matter of a few days if you choose one of our standard off-the-shelf HEB units.

Construction sites are notorious for homemade, and quite often unsafe, multiple power receptacles. Many different types of tools on a job site require power. With a Walther PDU, all that is needed is a power source with one power cord attached to an inlet on the PDU, and immediately, there are multiple safe receptacles for use. We are here to help. Just tell us what you need.

- Input:** (5) 400A CAMs
- Output:** (4) 50A Twist Locks- 250V,
(2) 20A GFCI-120V
- Overload Protection:** (4) 50A- 2 Pole MCB's,
(2) 20A 1 Pole MCB's
- Weight:** Approximate 45lbs



- Input:** (5) 30A Inlets, (5) 5-20 Inlets, (1) 60A Inlet
- Output:** (5) Nema 5-20 Outlets, (1) Neutric Outlet,
(1) Interlock Connector, (4) 30A L-30,
(1) 30A L15-20, (1) 50A CS8369
- Overload Protection:** (4) 30A 3P MCB, (1) 50A 3P MCB,
(7) 20A 1P MCB
PLC & Contractor Controlled Outputs
- Weight:** Approximate 80lbs



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Power Distribution Units

Manufacturing & OEM's / Factories & Plants / Construction Sites

Input: Hardwired
Output: (6) 30A IEC, (2) 60A IEC
Overload Protection: (6) 30A 2P MCB, (2) 60A 3P MCB
Weight: Approximate 90 lbs



Input: Hardwired to bus terminal, 200A, 480V
Output: (1) IEC309 100A Walther Pin and Sleeve Receptacle, (1) IEC309 60A Walther Pin and Sleeve 480V, (1) IEC309 60A Pin and Sleeve Receptacle 220V, (1) L21-30 30A Twist Lock 120/208V, (1) L-20 20A Twist Lock 120V

Overload Protection: (1) 100A 3 Pole MCB, (2) 60A 3 Pole MCB's
Weight: Approximate 50lbs



Input: 10 Ft Cable IEC Plug 261509
Output: (1) 50A, 4 Wires CS8369 w/w. cover 250V 3P+G, (2) L21-30R w/w. cover 120/208V 3P+N+G

Overload Protection: (2) 30A, 3 Pole MCB, (1) 50A, 3 Pole MCB
Weight: Approximate 25lbs





Alternate Energy - Wind & Solar

Wind power is one of the two most common sources for alternate energy. More and more wind farms are sprouting up across the United States and Canada. While still not as aggressively pursued as in Europe, the farms are on the grow here. Walther has engineered and supplied several innovative units for use within this industry. For example, we have unique multi-plug units that are built around a step-down transformer. These units can be lifted to the top of a windmill, providing power needed to complete an installation or for repair work.

Solar power is another alternate energy source that is aggressively pursued today. A wide range of concentrating technologies exists; the most developed are the parabolic trough, the concentrating linear fresnel reflector, the Stirling dish and the solar power tower. These various techniques are used to track the sun and focus light. In all of these systems, a working fluid is heated by the concentrated sunlight and is then used for power generation or energy storage. Thermal storage efficiently allows up to 24-hour electricity generation. Walther PDUs are used to provide multiple plug-in points for the energy that is produced.

Input: Cable Assembly, 5KVA Step Down Transformer, 690V Plug and Cord -120/208V, 42A,
Output: (2) 20A GFCI
Overload
Protection: (2) 20A 1-Pole MCB's
Weight: Approximate 125lbs



Input: 60A IEC 4P, 5W 120/250V 665509
Output: (6) 20A GFCI Duplex
Overload
Protection: (6) 20A 1 Pole MCB's
Weight: Approximate 25lbs
Assembly: IEC60309 connector with 50 Ft 4/5 SOOW cable.





Alternate Energy - Wind & Solar



Enclosure: Solid Rubber Type 648 (x3), Wall Mount
Input: Hardwired
Output: Three (3) rows, CAMs, E16, Female, (3P+G), with protective covers
 One (1) 50 Amp Receptacle, 125/250V, CS6369, with Weatherproof Plate
 Two (2), CEEtyp, 60-Amp, Female Receptacles, 5W (3P+N+G), 569509
 One (1), 50-Amp, 2P open terminal block for future expansion with breaker

Overload Protection: Three (3) 40 Amp, 3-Pole Circuit Breakers
 Two (2) 50 Amp, 2-Pole Circuit Breaker
 Two (2) 60 Amp, 3-Pole Circuit Breaker

Dimensions: 14.6" x 40.7" x 4.5"
Weight: 60lbs

Input: Hardwired 375V
Output: (2) 20A GFCI Duplex with WIU cover
 7.5 KVA Transformer

Overload Protection: (2) 20A 1-Pole MCB's
Weight: Approximate 80lbs



Input: Hardwired
Output: (8) 20A IEC60309 Receptacles,
 (4) 20A GFCI w/ weather cover.

Overload Protection: (8) 20A 3 Pole MCB's,
 (4) 20A 1 Pole MCB's
Weight: Approximate 50lbs



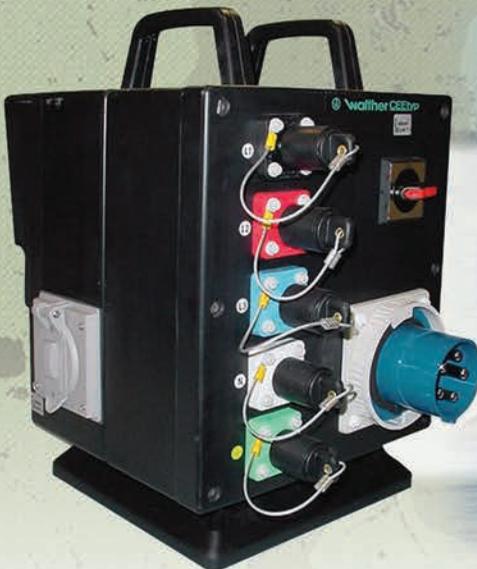
Military & Satellite Communications

Walther PDU use is spread across all of our military services, USN Seabee and dockside, USMC logistical support & transportation units, USAF replenishment units, USA M.A.S.H. type medical units and USCG inspections units. Walther PDUs are used around the world wherever our armed services are positioned. The reasons are the same ... we provide quality, dependable and safe power distribution where it is needed.

Communications and satellite units require a dependable uninterrupted power source with multiple plug-in capabilities. Walther PDUs are built and tested to support this type of most critical and demanding usage. Some very complex designs have been requested and developed for both military and commercial communications users.



- Input:** (1) 100A Plug with Cord
- Output:** (2) 20A GFCI Receptacles,
(4) Unprotected CAMs,
(2) 60A Outlets
- Overload Protection:** (2) 20A 1-Pole MCB's,
(2) 60A 2-Pole MCB's
- Cable:** 10 ft
- Weight:** Approximate 55lbs



- Input:** IEC60309 Male Inlet, 100A with 100A On/Off Switch
- Output:** (6) 20A NEMA 5-20Rs Female CAMs with covers
- Overload Protection:** (6) 20A – 1 Pole MCB's
- Weight:** Approximate 50lbs



Military & Satellite Communications

Input: (1) 60A Walther Inlet 120/208V
Output: (4) 30A Twist Lock with flange,
 (3) 20A GFCI Receptacles
Overload
Protection: (4) 30A 3-Pole MCB's,
 (3) 20A 1-Pole MCB's
Weight: Approximate 45lbs



Input: (1) 30A IEC60309 Inlet, 480V
 (1) 30A IEC60309 Inlet, 120V
Output: (1) Hardwired output rated
 30A 3ph/480V,
 (1) Hardwired output rated 20A 120V
Overload
Protection: (1) 30A 3P MCB,
 (1) 20A 1P MCB, (4) Fuses
Weight: Approximate 18lbs

Input: (5) 400A CAMs
Output: (12) 20A GFCI Receptacles,
 (5) Unprotected CAMs
Overload
Protection: (12) 20A 1-Pole MCB's,
Weight: Approximate 50lbs





Quality Control & Test Labs

From airport baggage and passenger screening machines to mainframe computers – as well as to every Walther PDU and PDS system – pre-shipment quality control testing is a mandatory step required to certify that a product is ready for the demanding use expected of it. Many Walther QC units are built wall-mountable, designed for stationary use. Here, products can be brought to the wall-mounted unit for testing and for shipping certification. QC and test lab functions are nearly identical, in that each must verify the unit tested is ready to perform exactly as required.



Function: Test 3-5 poles IEC 60309 cable assemblies
Display test results through LED's
Testing Voltage 24VDC/25Am
Test Time-6 seconds

Connector Configurations: 1-straight receptacle 3 pole, 16A
1-straight receptacle 4 pole, 16A
1-straight receptacle 5 pole, 16A
1-80 degree Inlet 3 pole, 16A
1-80 degree Inlet 4 pole, 16A
1-80 degree Inlet 5 pole, 16A



Input: 30A Plug with 10 foot cable assembly
Output: (28) L22-30 flange mount receptacles
Overload Protection: (1) 30A - 3 Pole Main MCB
Weight: Approximate 65lbs
Application: Test Labs, Processing



Quality Control & Test Labs

Function: A universal device that tests 3-5 poles IEC 60309 power cable assemblies & control cable assemblies up to 24 positions.
 PC connection with USB port
 Capable of test results and test protocol to a separate system printer
 Testing Voltage 24VDC/250mA;
 Test Time-24 seconds

Connector Configurations:

- 1-straight receptacle 3 pole, 16A
- 1-straight receptacle 4 pole, 16A
- 1-straight receptacle 5 pole, 16A
- 1-80 degree Inlet 3 pole, 16A
- 1-80 degree Inlet 4 pole, 16A
- 1-80 degree Inlet 5 pole, 16A
- 1-Procon Series "B" housing with a 24 pole female insert
- 1-Procon Series "B" housing with a 24 pole male insert
- 1-USB port



Input: Procon 50A - 3Ø - 230V
Output: Procon 50A - 3Ø - 230V
 Starter Type Unit with Push-Button & Interlock

Description:

- 1 to 1 cable tester up to 16 poles & selectable from 3-16 poles
- PLC control
- Touch screen panel
- Printed report on Dot Matrix printer-serial communication





Composition of Rubber Enclosures & UL Certifications

SPECIFICATIONS

Characteristics	Value	Unit of Measure
Elasticity Basis	EPDM/SBR/NK	
Color	Black	
Mixture #	300/96	
Shore Hardness A	97	Shore A
Density	1.51	g/cm ³
Tensile Strength	6.9	N/mm ²
Elongation	180	%
Elasticity	23	%
Temperature Range	From -50°C to 110°C	Celsius
Dielectric Strength	Up to 5kv	KV

UL Certifications & Approvals

	<p>Attachment Plugs, Pin-and-Sleeve Type Cord Sets and Power-supply Cords Cord Sets and Power-supply Cords Certified for Canada Industrial Control Panels Industrial Control Panels Certified for Canada Portable Power Distribution Panels Wiring Assemblies UL 50 for Industrial Control Panels/Enclosures</p>
	<p>Wiring Harnesses - Component Wiring Harnesses Certified for Canada - Component</p>

Although Walther has and can manufacture many different variations of PDU's there are occasionally requests for extremely unusual combinations that due to code, industry approvals, unit capacity allowance or suitability for installation in our enclosures that we may decline to accept a particular request. In these rare instances we attempt to assist you by providing suggestions for an alternate or modified design.



Standard “Off-the-Shelf” Power Distribution Units and Systems for “Sale or Rental”.
Industry Known as HEBs and Hibachis

The units illustrated in this section are as stated ready to ship “Off-the-Shelf” for sale or as a rental unit. Our HEB® PDU’s have been engineered to answer the most commonly requested inlet/receptacle combinations. Units can be rented by the day, week or longer with an option to purchase. Call us with your requirements and let our customer service experts assist you to choose the right unit for your use.



HEB201

- Part No:** HEB201
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** 50A Twist Lock Flanged Inlet 120/250VAC
- Output:** (1) 50A Twist Lock Receptacle,
(6) 20A Duplex GFCI Receptacles
- Overload**
- Protection:** (1) 50A 2 Pole C-Trip Main Breaker(6) 20A 1 Pole,
C-Trip Breakers
- Weight:** 20 lbs.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.

HEB202

- Part No:** HEB202
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** 50A Twist Lock Flanged Inlet 120/250VAC
- Output:** (1) 50A Twist Lock Receptacle,
(3) 20A Duplex GFCI Receptacles
(1) Twist Lock Nema L6-30
- Overload**
- Protection:** (1) 50A 2 Pole C-Trip Main Breaker(3) 20A 1 Pole,
C-Trip Breakers, (1) 30A 2 Pole, C-Trip Breakers
- Weight:** 20 lbs.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.





Standard “Off-the-Shelf” Power Distribution Units and Systems for “Sale or Rental”.
Industry Known as HEBs and Hibachis



HEB203

- Part No:** HEB203
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** 50A Twist Lock Flanged Inlet 120/250VAC
- Output:** (1) 50A Twist Lock Receptacle,
(3) 20A Duplex GFCI Receptacles (2) Twist Lock Nema L6-30
- Overload**
- Protection:** (1) 50A 2 Pole C-Trip Main Breaker (3) 20A 1 Pole,
C-Trip Breakers, (2) 30A 2 Pole, C-Trip Breakers
- Weight:** 20 lbs.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.

HEB362

- Part No:** HEB362
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** (1) 60A IEC Inlet, 120/250VAC, 4P, 5W, IP67
- Output:** (6) 20A Duplex GFCI Receptacles (with weather cover)
- Overload**
- Protection:** (3) 20A 1 Pole, C-Trip Breakers
- Dimensions:** 12 x 14 x 12.2 H Including Handle
- Weight:** 18 lbs.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.





Standard “Off-the-Shelf” Power Distribution Units and Systems for *“Sale or Rental”*.
Industry Known as HEBs and Hibachis



HEB364

- Part No:** HEB364
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** (1) 60A IEC Inlet, 120/250VAC, 4P, 5W, IP67
- Output:** (3) 20A Duplex GFCI Receptacles, (2) L21-30R
- Overload**
- Protection:** (3) 20A 1 Pole, Breakers, (2) 30A 1P Breakers
- Dimensions:** 12 x 14 x 12.2 H Including Handle
- Weight:** 18 lbs. Approx.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.

HEB3102

- Part No:** HEB3102
- Enclosure:** Solid Rubber, Type 6499901, UL Listed Type 3R
- Input:** (5) 400A CAMs, 120/250VAC, 3P+N+G
- Output:** (6) 20A Duplex GFCI Receptacles (with weather cover)
- Overload**
- Protection:** (6) 20A 1 Pole, C-Trip Breakers
- Dimensions:** 12 x 13 x 12.2 H Including Handle
- Weight:** 20 lbs. Approx.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.





Standard “Off-the-Shelf” Power Distribution Units and Systems for “Sale or Rental”.
Industry Known as HEBs and Hibachis

HEB3106

- Part No:** HEB3106
- Enclosure:** Solid Rubber, Type 6499902, UL Listed Type 3R
- Input:** (5) 400A CAMs, 120/250VAC, 3P+N+G
- Output:** (5) 400A CAMs, 3P+N+G, 120/208V (not protected)
(12) 20A Duplex GFCI Receptacles (with weather covers)
- Overload**
- Protection:** (12) 20A 1 Pole, C-Trip Breakers
- Dimensions:** 12 x 13 x 17.75 H Including Handle
- Weight:** 37 lbs. Approx.
- Application:** Military, Construction Sites, Marine, Convention Centers, Etc.



All Walther Electric HEB units are available for rent by the day, week or longer.

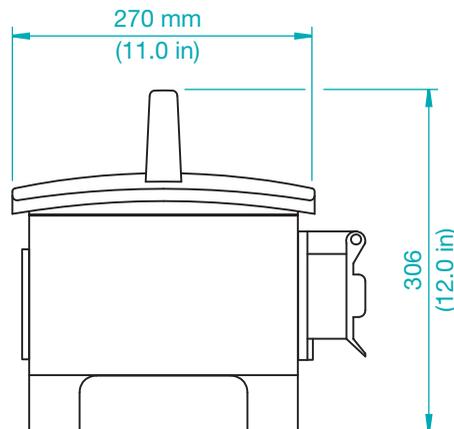
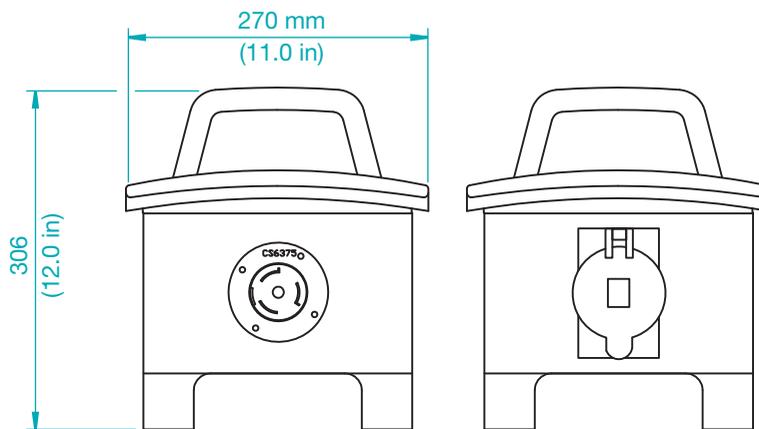
You can rent one or more and there are several different styles to choose from. Rental units are great for temporary applications such as business conventions, trade shows, school events, fund raisers and sporting events or during office or plant electrical renovations. Call or E-mail to describe your electrical needs and one of our rental support team members will help you to choose exactly which units would be best for your specific needs.





**Standard ‘off the shelf’ Power Distribution Units and Systems
for sales or Rental Industry Known as HEB’s & Hibachis**

Part # 643105PT

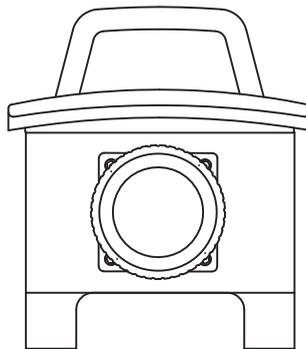
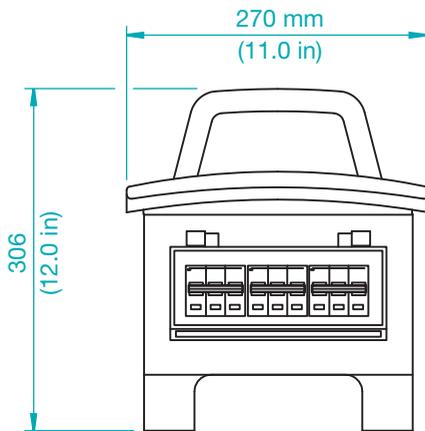


- Input:** (1) Flange Inlet
50A, 4 Wires CS6375
- Output:** (1) Receptacles
50A 4 Wires CS6369



**Standard ‘off the shelf’ Power Distribution Units and Systems
for sales or Rental Industry Known as HEB’s & Hibachis**

Part # 649106AK1



Input:

60A IEC60309 Plug

2ft Cable

Output:

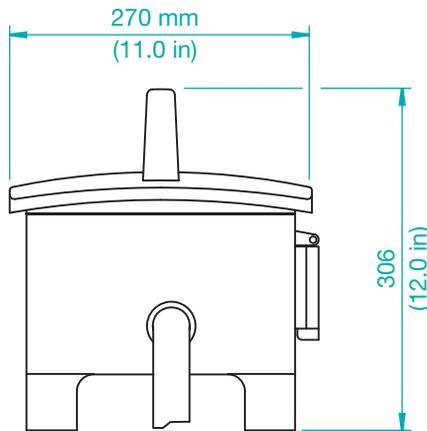
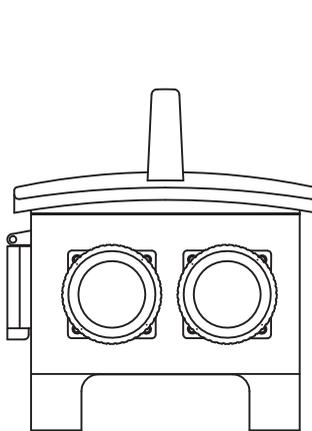
(2) IEC60309 IP67 30A, 4 Wires

(1) IEC60309 IP67 60A, 4 Wires

Protection:

(2) 30A MCB

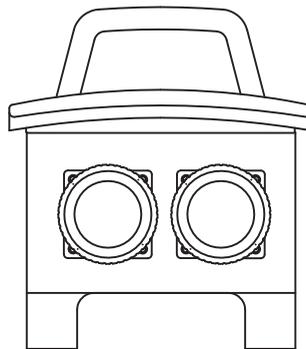
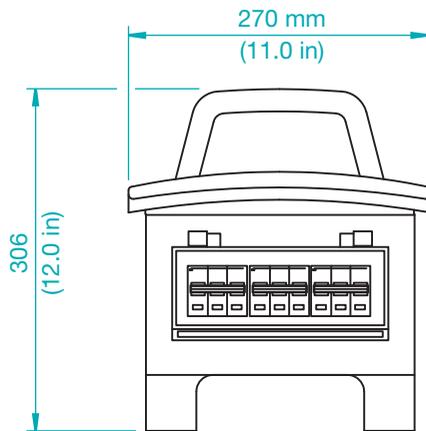
(1) 60A MCB





**Standard ‘off the shelf’ Power Distribution Units and Systems
for sales or Rental Industry Known as HEB’s & Hibachis**

Part # 649106AK2



Input:

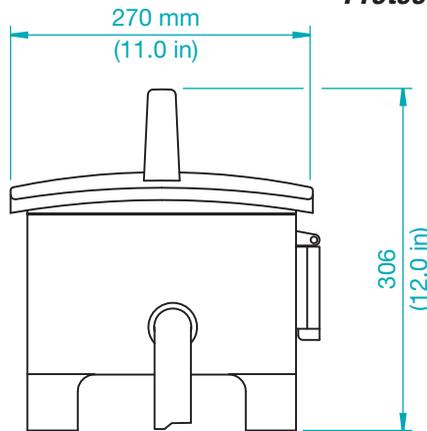
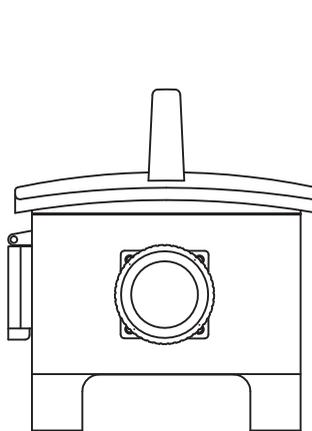
60A IEC60309 Plug
2ft Cable

Output:

(3) IEC60309 IP67 30A, 4 Wires

Protection:

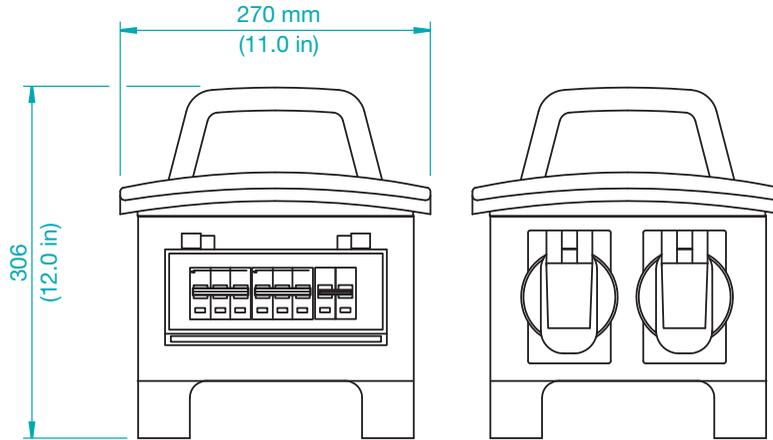
(3) 30A MCB





**Standard 'off the shelf' Power Distribution Units and Systems
for sales or Rental Industry Known as HEB's & Hibachis**

Part # 649106H2

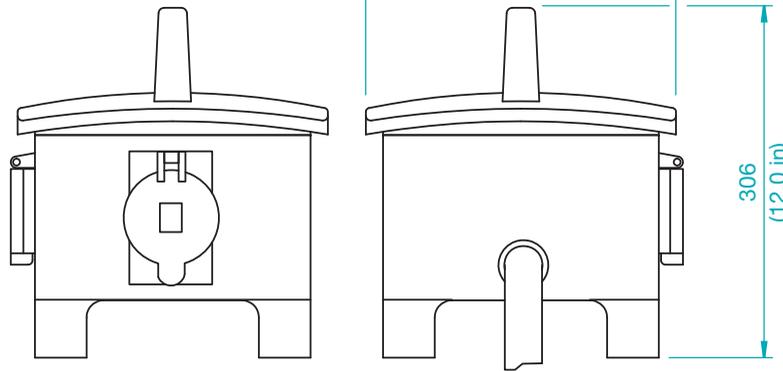


Protection:

- (2) 30A, 3Pole, MCB
- (1) 50A, 2Pole, MCB

(2) L21-30R
W/W Cover

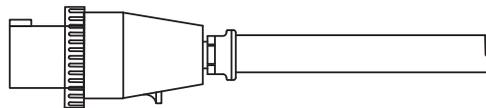
120/208V 3P+N+G



- (1) 50A 3 Wires
- CS8269 W/W Cover
- 250V 2P+G

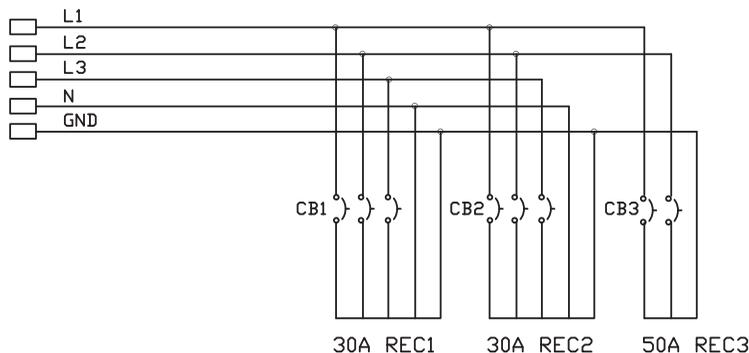
Input:

- IEC60309 Plug 261509
- 120/280V 3P+N+G



Inlet:

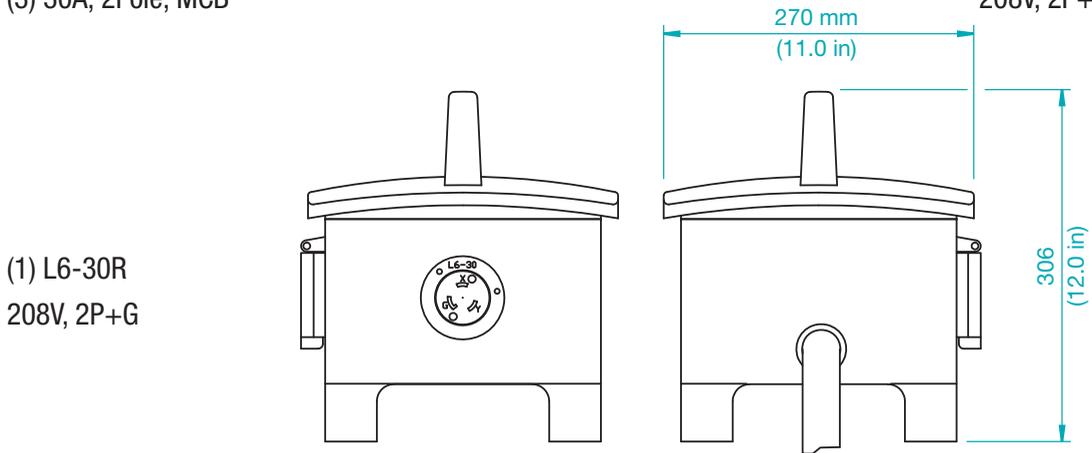
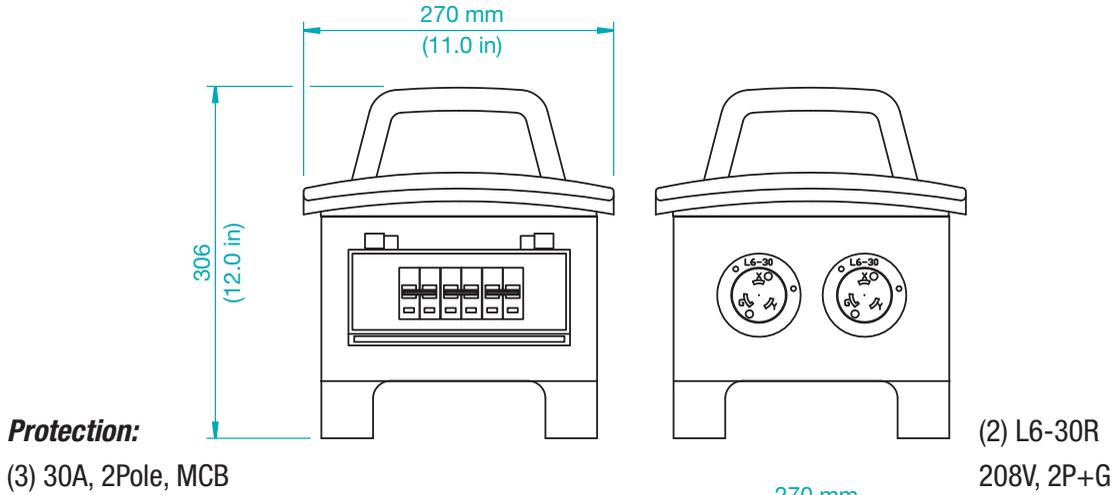
- 10ft Cable
- IEC60309 Plug 261509



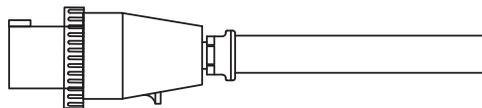


**Standard 'off the shelf' Power Distribution Units and Systems
for sales or Rental Industry Known as HEB's & Hibachis**

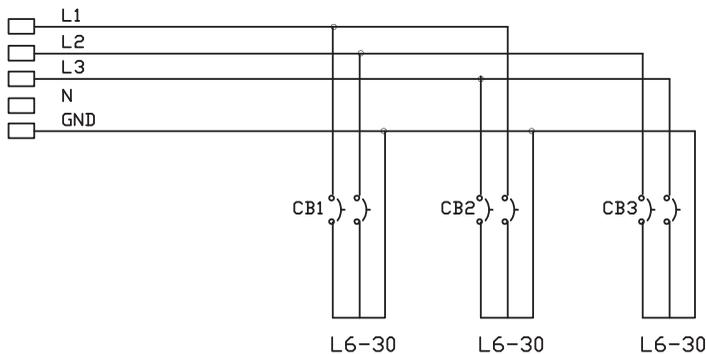
Part # 649106H3



Input:
IEC60309 Plug 261509
120/208V 3P+N+G



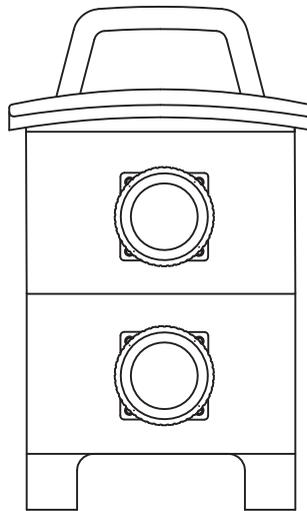
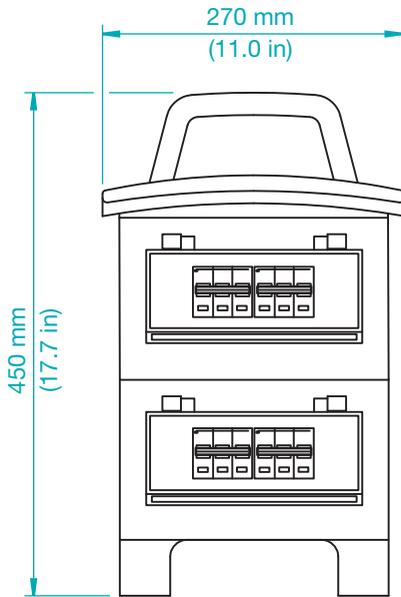
Inlet:
10ft Cable
IEC60309 Plug 261509





**Standard 'off the shelf' Power Distribution Units and Systems
for sales or Rental Industry Known as HEB's & Hibachis**

Part # 649210AK1



Input:

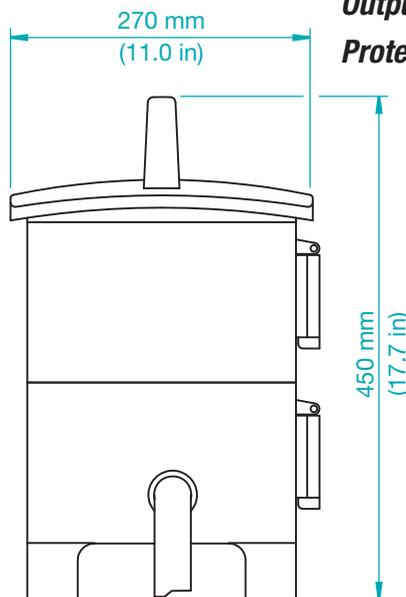
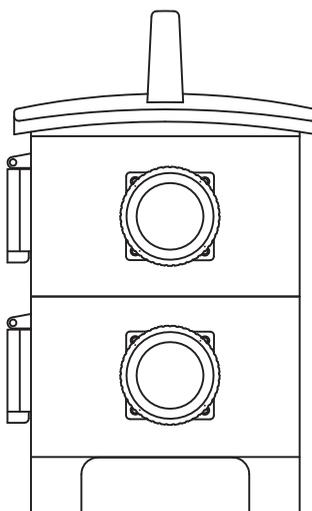
100A IEC60309 Plug
2ft Cable

Output:

(4) IEC60309 IP67 30A, 4 Wires

Protection:

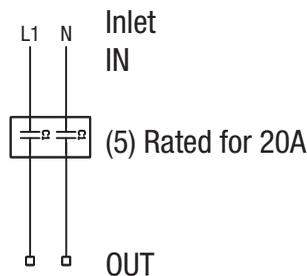
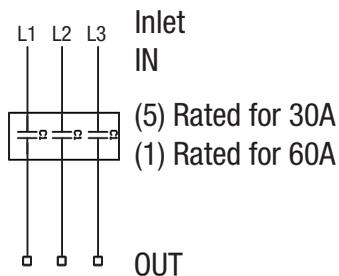
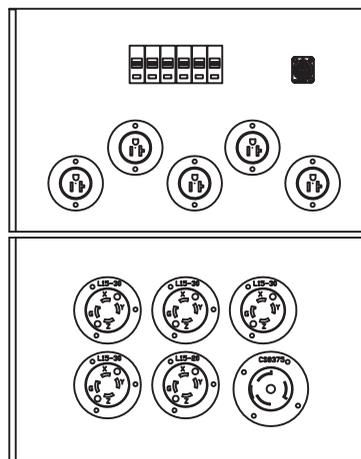
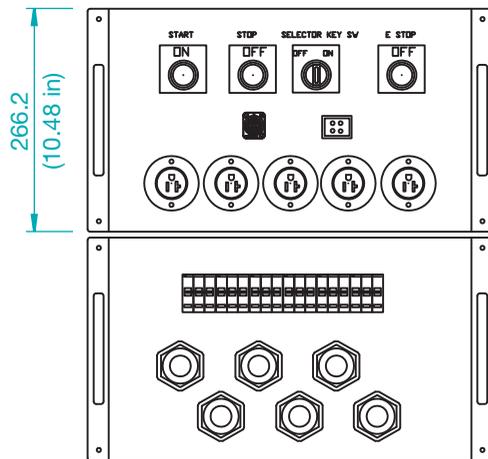
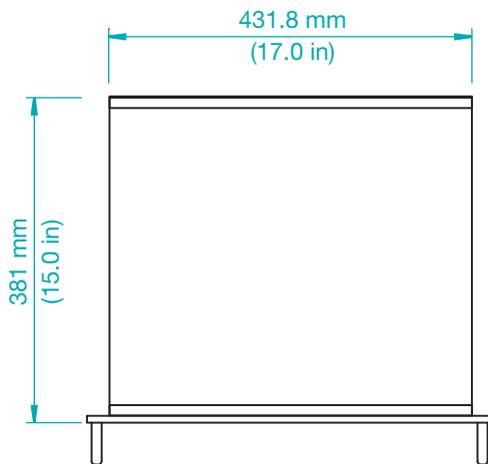
(4) 30A MCB





Enclosures Drawings & Specifications

Part # 2R16CSP



Front:

- (1) Start Push Button
- (1) Stop Push Button
- (1) Key Selector SW
- (1) Emergency Stop PB
- (5) NEMA 5-20 Outlets
- (1) Neutrik Outlet
- (1) Interlock Connector
- (4) 30A 3P MCB
- (1) 50A 3P MCB
- (1) 20A 3P MCB

Rear:

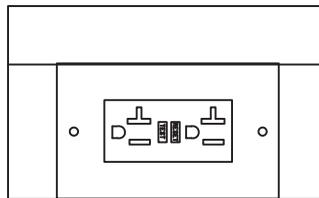
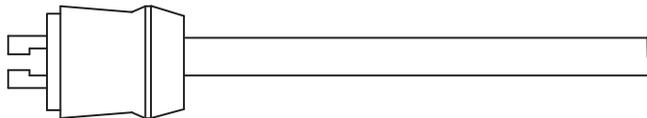
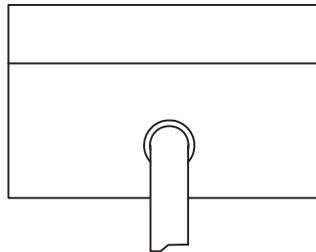
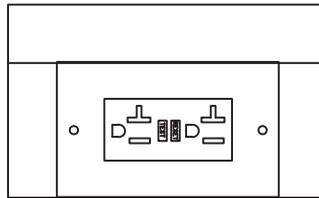
- (1) Neutrik Inlet
- (5) 5-20 Inlets
- (6) 20A 1P MCB
- (4) 30A L15-30
- (1) 30A L15-20
- (1) 50A CS8369



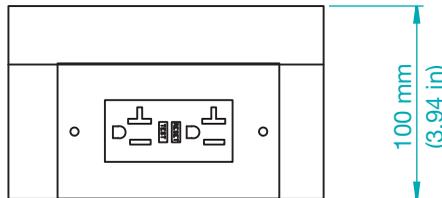
LoProfile Throwdowns (LoPRO®) Specifications and Drawings



Part # 64262320



163 mm
(6.42 in)



100 mm
(3.94 in)

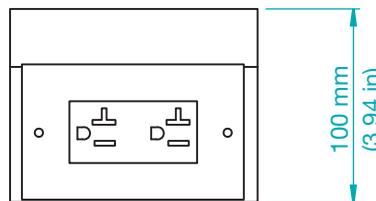
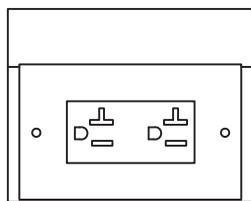
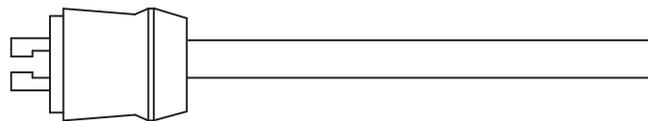
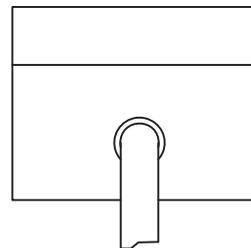
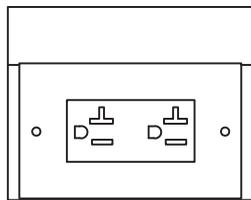
Input: IEC60309 Plug, 5ft 8/5C S00 Cable
Output: (3) 20A GFCI Duplex Receptacles



LoProfile Throwdowns (LoPRO®) Specifications and Drawings



Part # 64249320



128 mm
(5 in)

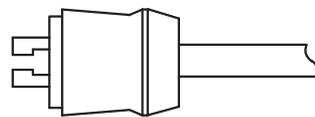
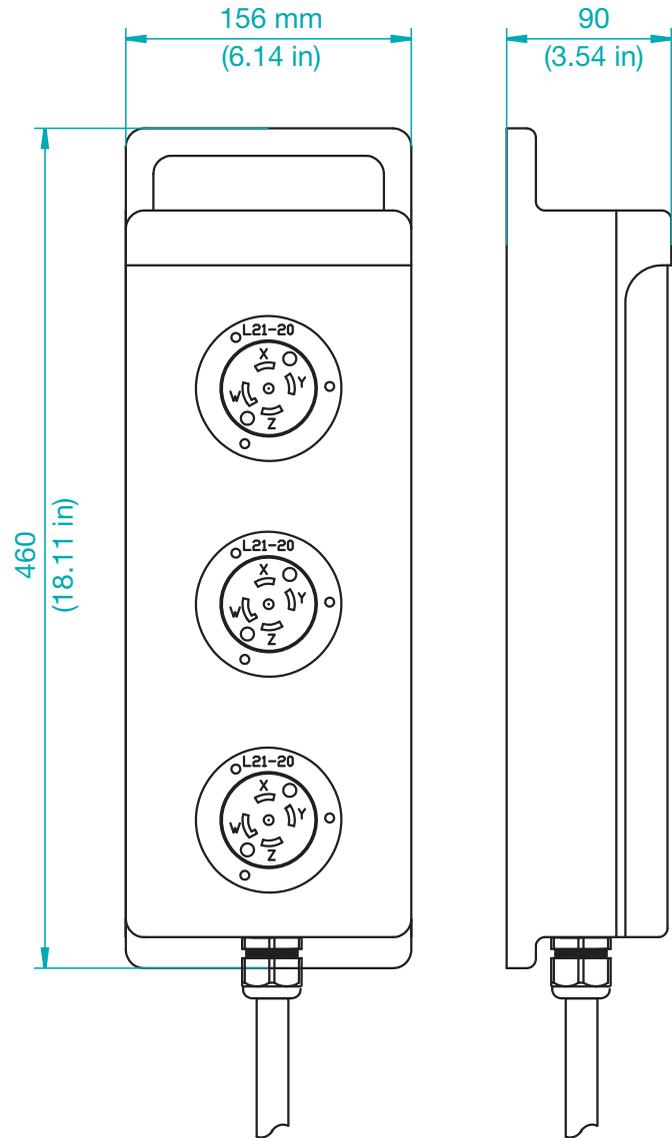
Input:
Output:

IEC60309 Plug, 5ft 8/5C S00 Cable
(3) 5-20 Duplex Receptacles



LoProfile Throw downs (LoPro) Specifications & Drawings

Part # 641103CP



Output: (3) L21-20R
Input: 6ft Cord and L21-30 Plug



walther
Electrotechnical Systems

Power Distribution Units

LoProfile Throw downs (LoPro) Specifications & Drawings

**Additional Throwdown
Unit Designs Available**

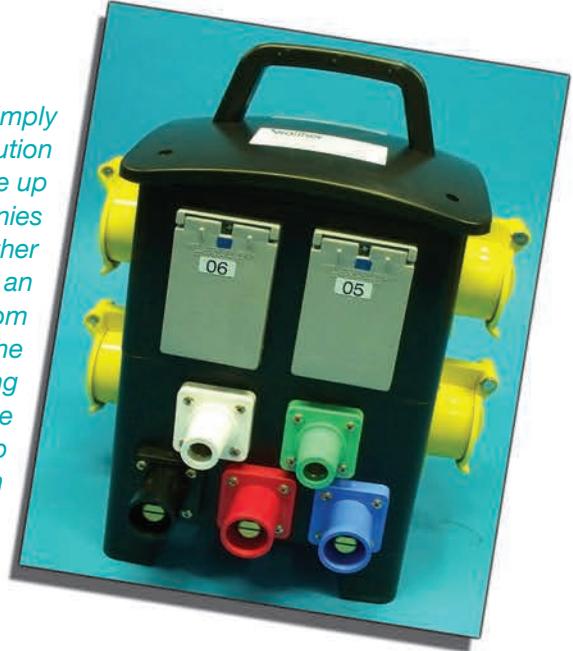




Sample Power Distribution Units and Testimonials

We had an unusual outdoor power distribution application that we simply could not find a ready-made product that would provide a complete solution to our client's stringent requirements. We were just about ready to give up on finding a solution when an engineer from one of our affiliate companies told us to contact Walther Electric. He said he stopped to talk with Walther personnel at the PowerGen show and thought they could help find an answer to our needs. He was right and the entire experience from explaining our problem and requirements, to speaking directly to the Walther engineering manager, to quickly receiving a schematic drawing with a detailed list of proposed components. Then once we received the go-ahead from our customer to place the order, it took less than two weeks to actually receive and install the units. The units have now been in service for three months and they far exceed ours and our clients's expectations. Thank you for a job well done. We will think Walther Electric first the next time we have need for portable power distribution.

SJ - Davenport, IA



For years we used to make our own portable power carts, they worked okay but they never seemed to last very long. We would just make another one when they broke. I got fed-up constantly hearing complaints from our foremen and the electricians. So I was going to buy a complete, yellow color, power box from a different company than Walther, but found that only some of the plug-in receptacles that were installed in it were usable for us. I was told to either call or to search the Walther web-site to see if they could offer something that was more adaptable to the types of plugs we use. The Walther engineer that I spoke with literally said, "No Problem" just tell me what type you need and we will build it for you. That is exactly what they did, quickly and at a price that actually surprised me. We originally purchased two, since then we picked up an additional three units. I will never make another home-made power cart now that I know about Walther Electric. Thank you for making my job easier.

KV - Orlando, FL



The Walther Electric sample PDU's shown on this page do not necessarily depict the actual units referenced in the testimonials.



Sample Power Distribution Units and Testimonials



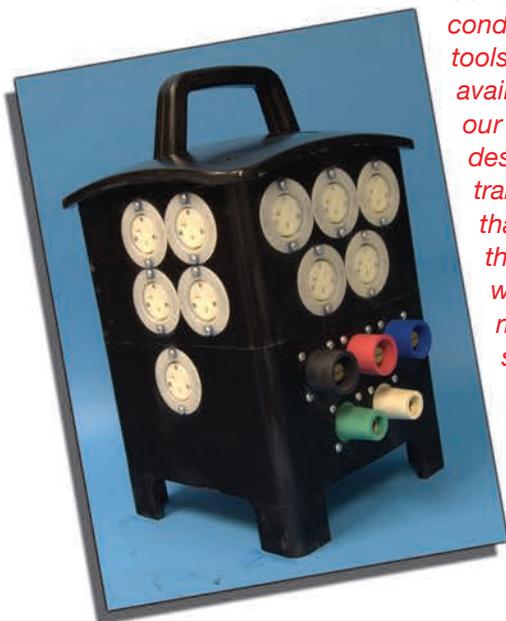
To the entire Walther team who helped us (me) to meet our scheduled completion date and not have to endure the wrath of my boss. Thanks!

LK – NYC, NY.



We had an electrical fire in our plant, and although a fire is unfortunate at any time, ours came during the height of our busiest season. The damage was confined to the manufacturing section of the plant and we still had access to power within the building but no safe quick way to get it to our machinery. We've used various different Walther products around the plant and I remembered seeing what they call power distribution units in a catalog that their salesman left for me. I found pictures and descriptions of several different power boxes that had the same type of plugs that we use. The best part of what I saw was that I could rent the boxes rather than buy them. This was important because we were told that our normal power supply would be back ready for use in less than a week. We called Walther to explain our problem and what we needed; we had six of their compact boxes plugged in supplying power to our machines the next morning. We liked the boxes so much that we decided to buy two of the rental units for general use and in case we need them for another emergency. The Walther people that I spoke with were understanding and extremely helpful.

TC – Ft. Worth, TX



Our company repairs windmills and while conducting our repairs we need power for our tools and diagnostic testers. The power that is available up top is generally 690V while all of our equipment is usually 120/208V. Walther designed a frame mounted step-down transformer with a multiple plug-in power box that is perfect for our needs. The beauty of their design is via the four side eyelets that we use for lifting the unit to the top of the mill and then they installed four corner suction cups to the base which allows us to press the support frame into place exactly where we want it and it stays in place, exactly where we want it. This has saved us hours versus our old methods. We could not appreciate your company or product more than we do, thank you.

BP – Boise, ID



The Walther Electric sample PDU's shown on this page do not necessarily depict the actual units referenced in the testimonials.



Request For Quotation Form

QUOTE REQUESTED BY:

NAME			
COMPANY			
ADDRESS			
CITY	STATE	ZIP	
PHONE	FAX		
E-MAIL			

DATE:

ENCLOSURE TYPE: PORTABLE WALL MOUNT

TYPE OF INLET:

	AMPS	VOLTS	WIRES	POLES	EXAMPLES	
HARDWIRE					WIRES	POLES
PIN & SLEEVE					3	2P+G
TWISTLOCK					4	2P+N+G
CAMs					5	3P+N+G

TYPE OF OUTLETS:

	QTY	AMPS	VOLTS	WIRES	POLES
PIN & SLEEVE					
TWIST LOCK					
CAMs					
STRAIGHT BLADE					
OTHER					

NUMBER OF UNITS REQUIRED:

REQUIRED DELIVERY DATE:

OTHER REQUIREMENTS:

NOTE: USE ADDITIONAL PAGE(S) FOR SKETCH, ADDITIONAL DETAILS AND OTHER REQUIREMENTS.



Power Distribution Units



Homemade versus Walther PDU



Shipyard versus Walther PDU



CNC Milling



CNC Milling



Completed Inventory Ready to Ship



Shipyard – Drydock Power Rack



PIN & SLEEVE DEVICES

Walther Pin & Sleeve Devices are manufactured to IEC 60309-1 & 2 standards and are interchangeable anywhere in the world with other manufacturers who conform to these IEC specifications: material, ground-pin location, size and color. Walther introduced and wrote the standard for the first IEC 60309 Pin & Sleeve Devices as they are known today. IEC 60309 devices are typically used to supply power for stationary or portable applications – i.e. electrically operated equipment: generator sets, compressors, welders, heating and cooling equipment, lighting or similar apparatus – anytime quick-safe connect/disconnect capabilities are required.

MECHANICAL INTERLOCK DEVICES

Walther IEC 60309 Mechanical Interlocks are designed to combine a disconnect switch and receptacle into one compact unit. The mechanical interlock receptacles are built for safety first by eliminating the possibility of making or breaking the circuit under load or by making a haphazard connection. Walther MIs cannot be energized, turned on, until completely plugged in and then they cannot be disconnected, plug removed, until the power is turned off. Units are available in Water-Tight IP67 (NEMA 4X) and Splash-Proof IP44 and MCB Breakered versions.

POWER DISTRIBUTION UNITS & SYSTEMS

Walther Electric offers unique, custom-built power distribution units and systems, integrating multiple variations of receptacles plus the installation of a power inlet that combined in a single unit is industry referred to and identified as a "Combination Outlet." Combination outlets combine multiple like receptacles or an assortment of various different receptacles in one compact enclosure. By integrating numerous receptacles into one electrical enclosure, multiple conduit runs with individual branch circuit wiring can be eliminated. As a result, installation and material costs are significantly reduced. Walther combination outlets are shipped completely wired and ready for use. In most applications only one connection to an incoming current supply and it is ready for use.

CUSTOM CABLE ASSEMBLIES

Walther's UL Custom Cable Assemblies are available in 6'/10'/25'/50' and 100' lengths. Other lengths are available via special quote. Walther IEC 60309 Plugs or Connectors are the most common termination devices used, but virtually every other type of NEMA device or CAM-style pins are also used. Plus custom splitter enclosure units are available.

Procon Heavy Duty Connectors: Cast Aluminum & Plastic

Walther Procon™ Heavy Duty Rectangular Connectors provide a safe, error free connection of multiple wire control and power circuitry from 4 to 216 pins. Devices require minimal installation space while providing maximum termination density for use in machine tools, robotics, material handling equipment, conveyers and for virtually all other types of electrical industrial machinery or electronic equipment. Devices replace the need for on-site hardwire installation requirements – simply mate the multi-pin inserts, snap on the cover hood and energize. Wash-down area units are available with an IP68 (Ingress Protection) rating.

Remote Access Interface Ports

Walther Remote-Access Interface Ports allow access to data and power from the outside of an enclosure – accomplished by installation of a panel-mount housing interface to the outside of a panel that contains a PLC or computer. The Walther Remote-Access Interface Ports allow users to interface the PLC or computer without opening the panel door thereby eliminating the potential safety hazards associated with an energized open electrical panel. Use eliminates the basic requirements of the mandated (NFPA-70E) need for arc-flash protective equipment and garments.

MANUAL DISCONNECT SWITCHES

Walther standard Manual Disconnect Switches combine a horsepower-rated switch in a tough, non-metallic NEMA 4X enclosure for safe surface-mount motor load disconnects. Several other models are available, including surface-mount Fused and Stainless Steel versions plus door-mounted rotary and toggle switch units. All models accept auxiliary contacts.

FITTINGS & ADAPTORS

Walther offers a complete-range of Fittings and Adaptors with NPT, Metric or PG threads. Units are available in Aluminum, Brass-Nickel Plated and Nylon. Products include Strain-Relief cord connectors with a range of 0.079" to 1.38", PG to NPT, Metric to NPT, PG to Metric and Metric to PG adaptors. All units meet or exceed UL, CSA and VDE specifications.

E-MOBILITY CHARGING PLUGS, RECEPTACLES AND EV CHARGING STATIONS

Walther is a worldwide leading manufacturer and supplier of E-Mobility (Electric Vehicle) charging plugs, receptacles and full-service EV Charging Stations. Nearly all industrialized nations, as well as a European-wide agreement, have already implemented the use of public charging stations or have established procedures to immediately advance E-Mobility especially in congested urban areas to help keep air clean and to help protect fossil fuel reserves. The future of the environment belongs to electric vehicles.

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custserv@waltherelectric.com | www.waltherelectric.com