

Coowa User Manual

www.coowa.net

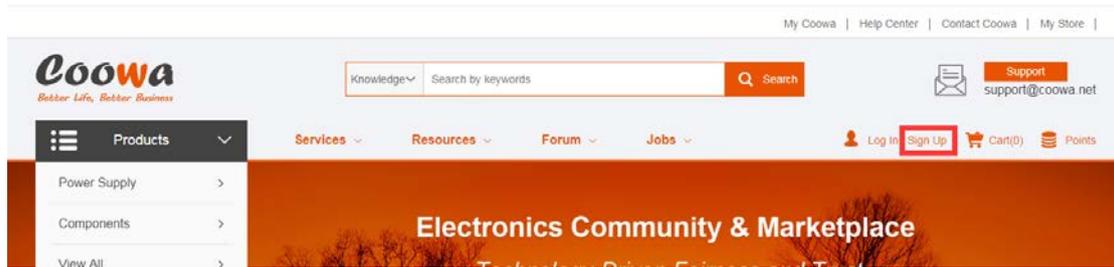
2019

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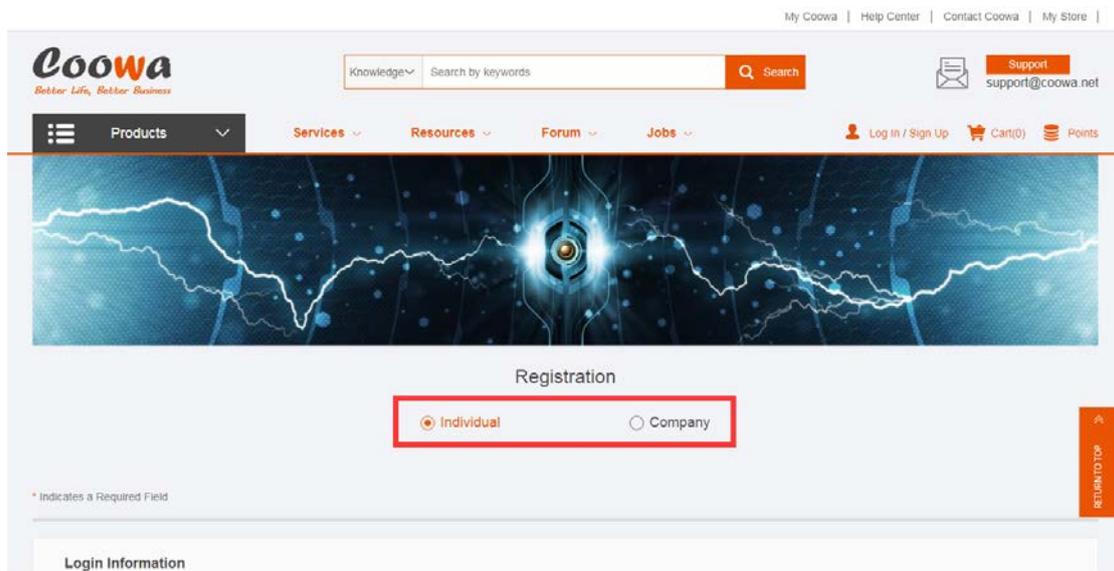
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1. Member Registration

1). Click top right “Sign Up” to enter the registration page



2). Select “Individual” or “Company” before fill in the required fields, Individual is for a personal membership and Company is for a company membership, the required information is different for different membership.



3). Username should be unique, and this couldn't be changed after the account is issued. The items with * are required fields. Other basic information could be supplied later when place an order of products or services. If you want to register as a service provider, then you have to fill in your basic information as required.

* Indicates a Required Field

Login Information

* Username (Your username is public, and it doesn't have to be related to your real name.)

* Email * Confirm Email

* Password (Passwords combination of upper and lower case letters and Numbers,8-50 digits) * Confirm Password

Personal Information

Personal information is required for offering services and receiving payments

First Name Last Name

Phone Number Job Title

Company Address

4). Users can also register as a service provider, both individual and company members could be service providers. **Service membership needs review of Coowa administrator; users have to wait for Coowa approval.** The administrator will review the submitted information the soonest possible and provide feedback. Appliers can select multiple categories to proceed.

✓ Complete the following fields to offer services

Services to Offer

Product Design
 Consultation
 Sales & Marketing
 Others

Electrical design
 Mechanical design
 Firmware design
 Thermal analysis and design
 Analysis and simulation
 Software design
 PCB layout
 Total solution
 Others

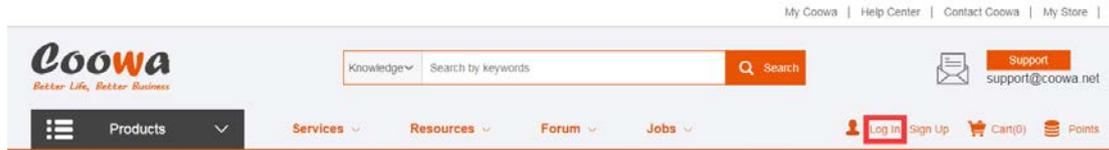
* Address

* Qualification Certificates

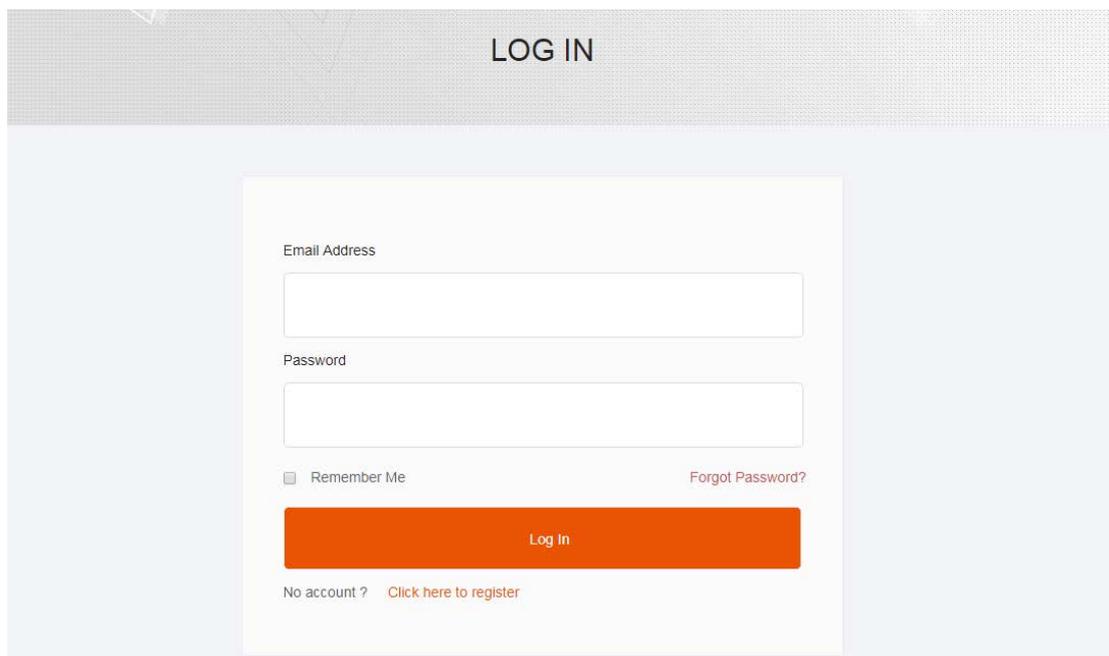
* Capability Description

2. Website Login

1). Click top right “Log In” to enter the log in page, most of the function could only be operated as a logged in member.

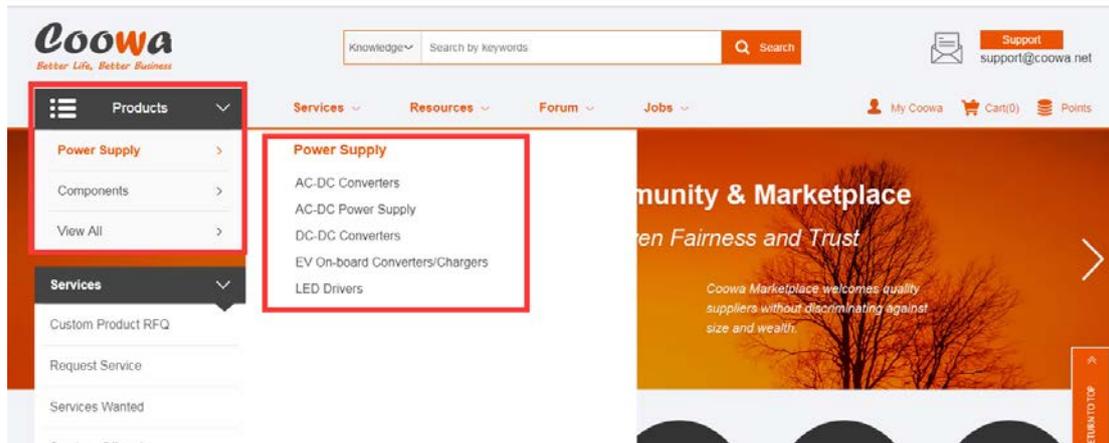


2). Fill in your registered email address and password, if you forgot your password, please click “Forgot Password?” and operate according to the instruction.

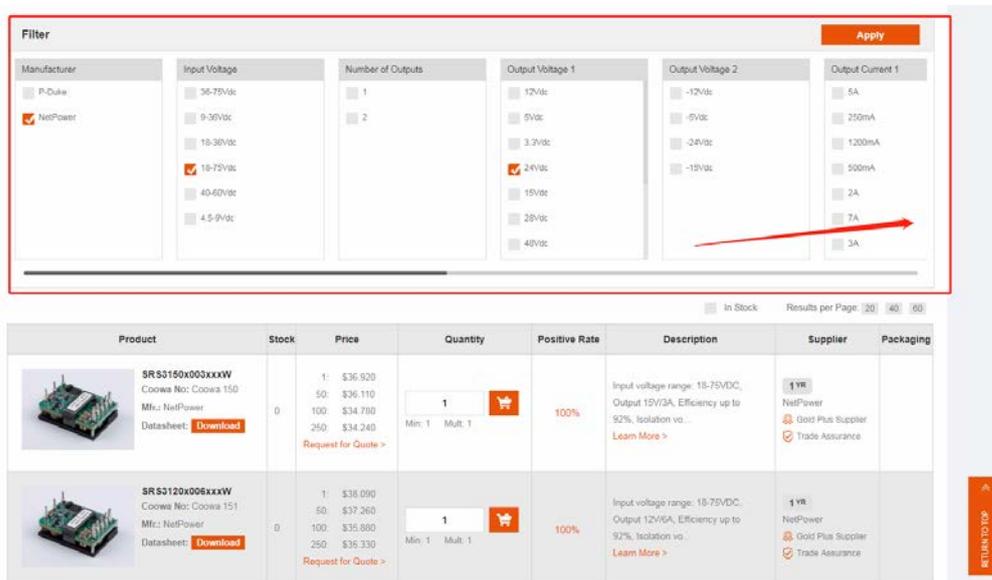
The image shows the login page of the Coowa website. The page has a grey header with the text "LOG IN" in the center. Below the header is a white login form. The form contains the following elements: a label "Email Address" above a text input field; a label "Password" above a text input field; a checkbox labeled "Remember Me" and a link "Forgot Password?" to the right; a large orange button labeled "Log In"; and a link "No account? Click here to register" at the bottom.

3. Browse Products and Store Information

1). Move to the main navigation menu and select the product category you are interested to view more sub-levels and details



2). Users can narrow the product list with targeted specifications at the final level of product list page, **drag the filter table left or right to check more data.**



3). Select a product from the narrowed list to check more details, you can modify the quantity and add the product to your shopping cart directly or click “Download” to check the datasheet/click the picture or part number to go to the product detail page for more information.

In Stock Results per Page: 20

Product	Stock	Price	Quantity	Positive Rate	Description	Supplier
 <p>SRS3150x003xxxW Coowa No: Coowa 150 Mfr.: NetPower Datasheet: Download</p>	0	1: \$36.920 50: \$36.110 100: \$34.780 250: \$34.240 Request for Quote >	<input type="text" value="1"/> Min: 1 Mult: 1	100%	Input voltage range: 18-75VDC, Output 15V/3A, Efficiency up to 92%, Isolation vo... Learn More >	1 YR NetPower Gold Plus Supplier Trade Assurance
 <p>SRS3120x006xxxW Coowa No: Coowa 151 Mfr.: NetPower Datasheet: Download</p>	0	1: \$38.090 50: \$37.260 100: \$35.880 250: \$35.330 Request for Quote >	<input type="text" value="1"/> Min: 1 Mult: 1	100%	Input voltage range: 18-75VDC, Output 12V/6A, Efficiency up to 92%, Isolation vo... Learn More >	1 YR NetPower Gold Plus Supplier Trade Assurance
 <p>SRS3050x012xxxW Coowa No: Coowa 152 Mfr.: NetPower Datasheet: Download</p>	0	1: \$38.090 50: \$37.260 100: \$35.880 250: \$35.330 Request for Quote >	<input type="text" value="1"/> Min: 1 Mult: 1	100%	Input voltage range: 18-75VDC, Output 5V/12A, Efficiency up to 90.5%, Isolation ... Learn More >	1 YR NetPower Gold Plus Supplier Trade Assurance

4). Product detail page shows the detail information about the selected product, including picture, main specification, part number, description..., users can also click “Enlarge” to see to view a bigger picture and add the product to collection under “My Coowa” by click “Collection”.

SRS3150x003xxxW



Coowa No: Coowa 150
Available Quantity: 0
Lead Time: 14-16 Weeks
Datasheet: [Download](#)
Application Note: None

[Enlarge](#) [Collection](#)

Description: Input voltage range: 18-75VDC, Output 15V/3A, Efficiency up to 92%, Isolation voltage: 1500VDC

Need Help? [Contact Support](#)

Product Details

Manufacturer: NetPower	Input Voltage: 18-75Vdc
Number of Outputs: 1	Output Voltage 1: 15Vdc
Output Current 1: 3A	Output Power: 45W
Efficiency: 92%	Dimensions: 1/16 Brick

Input voltage range: 18-75VDC, Output 15V/3A, Efficiency up to 92%, Isolation voltage: 1500VDC, Output over-current, over-voltage, over-temperature and short-circuit protections, Operating temperature range: -40°C to +85°C.

Your Price: USD \$36.920

Quantity: [Add To Cart](#)
Minimum: 1 Multiples: 1

Quantity	Unit Price
1	\$36.920
50	\$36.110
100	\$34.780
250	\$34.240

[Request a quote](#) on quantity greater than listed.



NetPower

Gold Plus Supplier Trade Assurance
1 Years Onsite Check

[View Company Profile](#)

5). When you have any inquiry about the product or order process, please click “Contact Support” to get support from the seller store admin, they will get back to you the soonest possible.

SRS3150x003xxxW



Coowa No: Coowa 150

Available Quantity: 0

Lead Time: 14-16 Weeks

Datasheet: [Download](#)

Application Note: None

Description: Input voltage range: 18-75VDC, Output 15V/3A, Efficiency up to 92%, Isolation voltage:1500VDC

Need Help? [Contact Support](#)

Product Details

Manufacturer: NetPower Input Voltage: 18-75Vdc

Available Quantity: 0

Contact Support ✕

Concerned Product: SRS3150x003xxxW

Subject:

Detailed Question:

[Submit](#)

6). From the product list page or the product detail page, users can request a quote from the seller if there is no leveled price displayed or your purchase quantity is greater than the listed number. A Coowa member can check the reply from “My Coowa” after logged in.

SRS3150x003xxxW



Coowa No: Coowa 150

Available Quantity: 0

Lead Time: 14-16 Weeks

Datasheet: [Download](#)

Application Note: None

Description: Input voltage range: 18-75VDC, Output 15V/3A, Efficiency up to 92%, Isolation voltage:1500VDC

Need Help? [Contact Support](#)

Product Details

Your Price: USD \$36.920

Quantity: [Add To Cart](#)

Minimum: 1 Multiples: 1

Quantity	Unit Price
1	\$36.920
50	\$36.110
100	\$34.780
250	\$34.240

Request a quote or quantity greater than listed.

Request for Quote

Product No: Coowa 010

Contact:

Phone Number:

Purchase Quantity:

Required Delivery Date:

Note:

7). Users can check product comments information under product details

Product Comments

Positive Rate: **100%**

8). Similar products will appear at the bottom of the product detail page, it's convenient for users to check more similar choices.

Similar Products

 <p>LMB3120P10W3LPC Brand: NetPower Input voltage range: 18-75VDC, Output ±12V/10W, DIP package, Efficiency up to 86%, Is \$20.420</p>	 <p>LMB3050P10W3LPC Brand: NetPower Input voltage range: 18-75VDC, Output ±5V/10W, DIP package, Efficiency up to 82%, Is \$20.420</p>	 <p>LMS3240P10W1YMC Brand: NetPower Input voltage range: 18-75VDC, Output 24V/10W, 1x1 DIP package, Efficiency up to 88% \$15.310</p>	 <p>LMS3150P10W1YMC Brand: NetPower Input voltage range: 18-75VDC, Output 15V/10W, 1x1 DIP package, Efficiency up to 87% \$15.310</p>	 <p>LMS3120P10W1YMC Brand: NetPower Input voltage range: 18-75VDC, Output 12V/10W, 1x1 DIP package, Efficiency up to 87% \$15.310</p>
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9). Users can also check the store information of the selected product. Click “Onsite Check” to see more available products from the store, click “View Store Profile” to check the detail store information.

tag:1500VDC

[Contact Support](#)

Input Voltage: 18-75Vdc
Output Voltage 1: 15Vdc
Output Power: 45W
Dimensions: 1/16 Brick

2%, Isolation voltage:1500VDC, Output over-current, over-voltage, over-ange: -40°C to +85°C.

100	\$34.100
250	\$34.240

[Request a quote](#) on quantity greater than listed.



NetPower

NetPower

- Gold Plus Supplier
- Trade Assurance
- 1 Years
- [Onsite Check](#)

[View Store Profile](#)

4. How to Place an Order

1). Modify the quantity of a product from the [product list page](#) or [product detail page](#), if price not available please [Request for Quote](#) first; if price available you can add products to the shopping cart directly.

Product	Stock	Price	Quantity	Positive Rate	Description	Supplier	Pack
 <p>MRS4120x003xxx Coowa No: Coowa 137 Mfr.: NetPower Datasheet: Download</p>	0	1: \$29.810 50: \$29.160 100: \$28.080 250: \$27.650 Request for Quote >	<input type="text" value="50"/>  Min: 1 Mult: 1	100%	Input voltage range: 36-75VDC, Output 12V/3A, Efficiency up to 89%, Isolation vo... Learn More >	1 YR NetPower Gold Plus Supplier Trade Assurance	

MYRS1120x002xxP-H



Coowa No: Coowa 131
 Available Quantity: 0
 Lead Time: 14-16 Weeks
 Datasheet: [Download](#)
 Application Note: None
 Description: Input voltage range: 9-36VDC, Output 12V/2A, Efficiency up to 84%, Isolation voltage:1500VDC
 Need Help? [Contact Support](#)

Your Price: USD \$

Quantity: [Add To Cart](#)
 Minimum: 1 Multiples: 1

Quantity: Unit Price:
[Request a quote](#) on quantity greater than listed.



2). Click the shopping cart icon at the right top corner to go to the shopping cart, quantity could be further modified according to your actual needs, check the box before the item sequence number and click check button to check out.

Products Services Resources Forum Jobs My Coowa [Cart\(0\)](#) Points

Shopping Cart [Continue Shopping](#)

Coowa No. Mfr NO. [Add](#) [Need Help? Contact Coowa](#)

Sort	Product	Description	In Stock	Quantity	Unit Price	Sub-Total	Action
<input checked="" type="checkbox"/> 1	 <p>Coowa No: Coowa 137 Mfr. No: MRS4120x003xxx Mfr. : NetPower</p>	Input voltage range: 36-75VDC, Output 12V/3A, Efficiency up to 89%, Isolation voltage:1500VDC	0	<input type="text" value="50"/> Minimum: 1 Multiples: 1	\$29.160	\$1458	Add to Favorites Delete
<input type="checkbox"/> 2	 <p>Coowa No: Coowa 131 Mfr. No: MYRS1120x002xxP-H Mfr. : NetPower</p>	Input voltage range: 9-36VDC, Output 12V/2A, Efficiency up to 84%, Isolation voltage:1500VDC	0	<input type="text" value="100"/> Minimum: 1 Multiples: 1	\$	\$0	Add to Favorites Delete

Check All [Delete](#) [Add to Favorites](#) A Total of 1 Goods Total(Shipping charge not included): **\$ 1458.00** [Checkout](#)

3). Users can also add product quickly by searching **Coowa No.** or **Manufacturer No.** within the shopping cart.

Shopping Cart [Continue Shopping](#)

Need Help? [Contact Coowa](#)

Sort	Product	Description	In Stock	Quantity	Unit Price	Sub-Total	Action
<input type="checkbox"/> 1	 Coowa No: Coowa 137 Mfr. No: MRS4120x003xxx Mfr. : NetPower	Input voltage range: 36-75VDC, Output 12V/3A, Efficiency up to 89%, Isolation voltage:1500VDC	0	<input type="text" value="50"/> Minimum: 1 Multiples: 1	\$29.160	\$1458	<input type="button" value="Add to Favorites"/> <input type="button" value="Delete"/>
<input type="checkbox"/> 2	 Coowa No: Coowa 131 Mfr. No: MYRS1120x0020xP-H Mfr. : NetPower	Input voltage range: 9-36VDC, Output 12V/2A, Efficiency up to 84%, Isolation voltage:1500VDC	0	<input type="text" value="100"/> Minimum: 1 Multiples: 1	\$	\$0	<input type="button" value="Add to Favorites"/> <input type="button" value="Delete"/>

Check All

A Total of 0 Goods Total(Shipping charge not included): **\$0.00**

4). User will go to confirm page after clicked “Check Out” button, if this is your very first order, you may need to add your shipping address, extra notes or requirement could be added at the bottom of the page. When address and notes all confirmed, click “Submit” button to proceed. **Note: the address information could also be managed under “My Coowa-My Member Info-Address Management”**

1 Shopping Cart — 2 Confirm Order — 3 Confirm Freight — 4 Payment — 5 Order Completed

Shipping Address: Crystal NP No. 1000, Jinhai Road, Shanghai, China 201206 +86 21 61624777

Order Details

Product	Description	Quantity	Unit Price	Sub-Total
 Coowa No: Coowa 137 Mfr. No: MRS4120x003xxx Mfr. : NetPower	Input voltage range: 36-75VDC, Output 12V/3A, Efficiency up to 89%, Isolation voltage:1500VDC	50	\$29.160	\$1458

Leave a Message:

Total Price (Freight not included): **\$ 1458**

Home > My Coowa > Address Management

My Coowa

- My Member Info
 - My Profile
 - Company Information
 - Address Management**
 - Coowa Points
 - Apply for Service Membership
- Buyer Services
 - Product Order
 - My Custom Product RFQ
 - My Technical Service Request
 - Request for Services Offered
 - Request Service Order
 - Credit Line Application
 - Order Comments
 - Request for Quote
 - Contact Support
- Supplier Services
 - Custom Product RFQ
 - Request Technical Service
 - My Services Offered

Product Order

Crystal NP No. 1000, Jinhai Road, Shanghai, China 201206 +86 21 61624777

Shipping Address (if different from above)

Company Name:

Contact Person:

City:

Country:

Street Address:

Postal Code:

Phone Number:

5). A notice message will pop out after the submission of order. Seller will contact will buyer to confirm the lead time and freight. All placed orders could be checked and managed under **"My Coowa-Buyer Services-Product Order"**.

✓ Shopping Cart — ✓ Confirm Order — ✓ Confirm Freight — 4 Payment — 5 Order Completed

✓ Confirm ETD and Freight

Order Time: 2019-05-09 14:33:18
 Total Price: \$ 1458
 Coowa will confirm the freight and ETD with you soon.

Return to Order

My Coowa		Product Order																																								
My Member Info My Profile Company Information Address Management Coowa Points Apply for Service Membership		<table border="1" style="width: 100%;"> <thead> <tr> <th>All Orders</th> <th>Seller Confirmed (2)</th> <th>Pending Payment (1)</th> <th>To be Shipped (0)</th> <th>To be Confirmed (0)</th> <th>Transaction Completed</th> <th></th> </tr> </thead> <tbody> <tr> <th>Order No.</th> <th>Time of Order</th> <th>Total Amount</th> <th>Amount Due</th> <th>ETD</th> <th>Status</th> <th>Action</th> </tr> <tr> <td>CW1000025320190509143318</td> <td>2019-05-09 14:33:18</td> <td>\$ 1458.000</td> <td>\$ 1458.000</td> <td></td> <td>Seller Confirmed</td> <td>Details</td> </tr> <tr> <td>CW1000025320190506175149</td> <td>2019-05-06 17:51:49</td> <td>\$ 12.110</td> <td>\$ 12.110</td> <td></td> <td>Seller Confirmed</td> <td>Details</td> </tr> <tr> <td>CW1000025320190426173354</td> <td>2019-04-26 17:33:54</td> <td>\$ 14.250</td> <td>\$ 29.250</td> <td>8 weeks</td> <td>Pending Payment</td> <td>Details</td> </tr> </tbody> </table>						All Orders	Seller Confirmed (2)	Pending Payment (1)	To be Shipped (0)	To be Confirmed (0)	Transaction Completed		Order No.	Time of Order	Total Amount	Amount Due	ETD	Status	Action	CW1000025320190509143318	2019-05-09 14:33:18	\$ 1458.000	\$ 1458.000		Seller Confirmed	Details	CW1000025320190506175149	2019-05-06 17:51:49	\$ 12.110	\$ 12.110		Seller Confirmed	Details	CW1000025320190426173354	2019-04-26 17:33:54	\$ 14.250	\$ 29.250	8 weeks	Pending Payment	Details
All Orders	Seller Confirmed (2)	Pending Payment (1)	To be Shipped (0)	To be Confirmed (0)	Transaction Completed																																					
Order No.	Time of Order	Total Amount	Amount Due	ETD	Status	Action																																				
CW1000025320190509143318	2019-05-09 14:33:18	\$ 1458.000	\$ 1458.000		Seller Confirmed	Details																																				
CW1000025320190506175149	2019-05-06 17:51:49	\$ 12.110	\$ 12.110		Seller Confirmed	Details																																				
CW1000025320190426173354	2019-04-26 17:33:54	\$ 14.250	\$ 29.250	8 weeks	Pending Payment	Details																																				
Buyer Services Product Order My Custom Product RFQ My Technical Service Request Request for Services Offered Request Service Order Credit Line Application Order Comments Request for Quote																																										

6). When an order is confirmed by seller by adding Freight and Lead Time, buyer can go on with the payment, **cancel of order could only be proceed by contacting with store admin if the payment is done.**

My Coowa		Product Order										
My Member Info My Profile Company Information Address Management Coowa Points Apply for Service Membership		Order Number: CW1000025320190426173354 Order Information Shipping Address: NP No. 1000, Jinhai Road, Shanghai, China 201206 +86 21 61624777 Recipient: Crystal Notes: ETD: 8 weeks										
Buyer Services Product Order My Custom Product RFQ My Technical Service Request Request for Services Offered Request Service Order Credit Line Application Order Comments Request for Quote Contact Support		Order Status: Pending Payment Pay Now										
Supplier Services Custom Product RFQ Request Technical Service My Services Offered		<table border="1" style="width: 100%;"> <thead> <tr> <th>Items</th> <th>Unit Price</th> <th>Quantity</th> <th>Ext. Price</th> </tr> </thead> <tbody> <tr> <td> Product Name :X2 104K/280V P10 / Mfr No : Safety Capacitors 0.1uF ±10% 280Vdc</td> <td style="text-align: center;">\$ 0.095</td> <td style="text-align: center;">150</td> <td style="text-align: center;">\$ 14.250</td> </tr> </tbody> </table>			Items	Unit Price	Quantity	Ext. Price	Product Name :X2 104K/280V P10 / Mfr No : Safety Capacitors 0.1uF ±10% 280Vdc	\$ 0.095	150	\$ 14.250
Items	Unit Price	Quantity	Ext. Price									
Product Name :X2 104K/280V P10 / Mfr No : Safety Capacitors 0.1uF ±10% 280Vdc	\$ 0.095	150	\$ 14.250									
		Price of Goods: \$ 14,250 Freight: \$ 15,000 Total Order Price: \$ 29,25 Credit Payment: \$ -0,000 Actual Payment: \$ 29,250										

7). Coowa provide two ways of payment: Authorize.Net and PayPal. Select the way of payment and go on with the following steps.

✓ Shopping Cart — ✓ Confirm Order — ✓ Confirm Freight — ✓ Payment — 5 Order Completed

✓ **Payment Processing**

Order Time: 2019-04-26 17:33:54

Order No.: CW1000025320190426173354

Total Price: \$ 29.250

Freight Amount: \$ 15.000

ETD: 8 weeks

Line of Credit: \$ 0.000

Payment Method: **Authorize.Net** **PayPal**

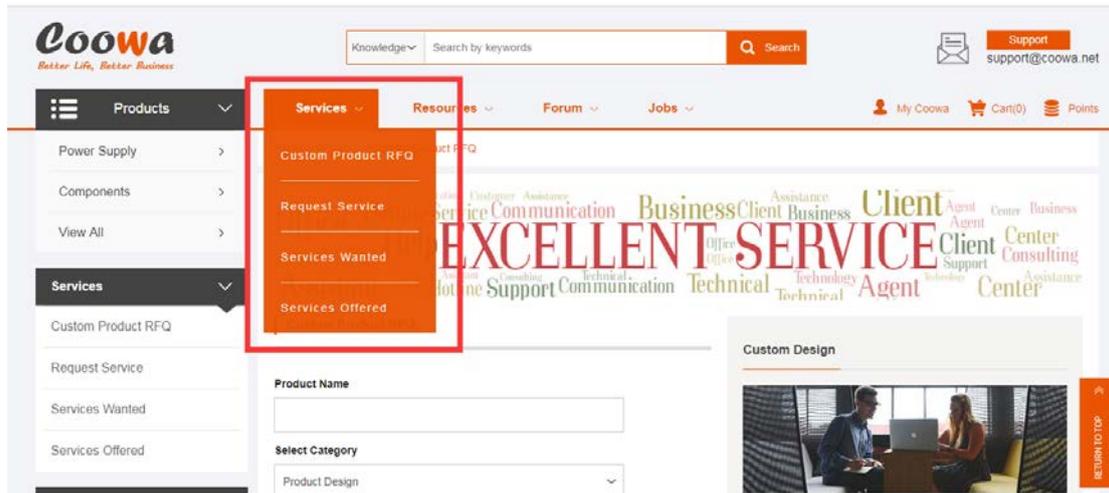
Pay Now

RETURN TO TOP >

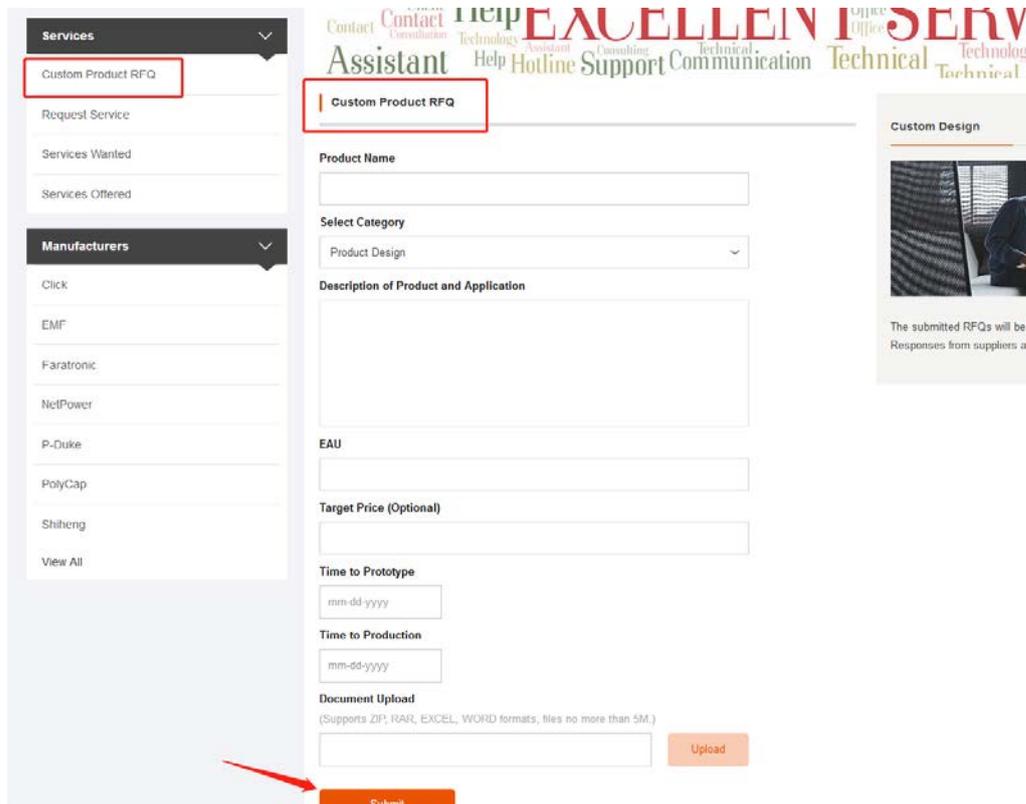
8). The seller will go on with delivery or production preparation after the payment is processed. All purchased items will be delivered according to the mutual agreed delivery terms.

5. Services Column Utilization

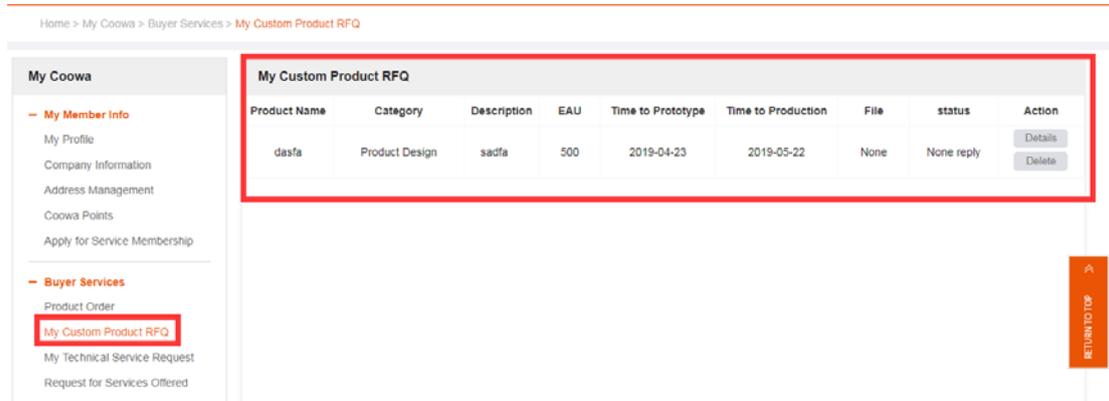
1). There are four items under services column: **Custom Product RFQ, Request Service, Services Wanted and Services Offered.**



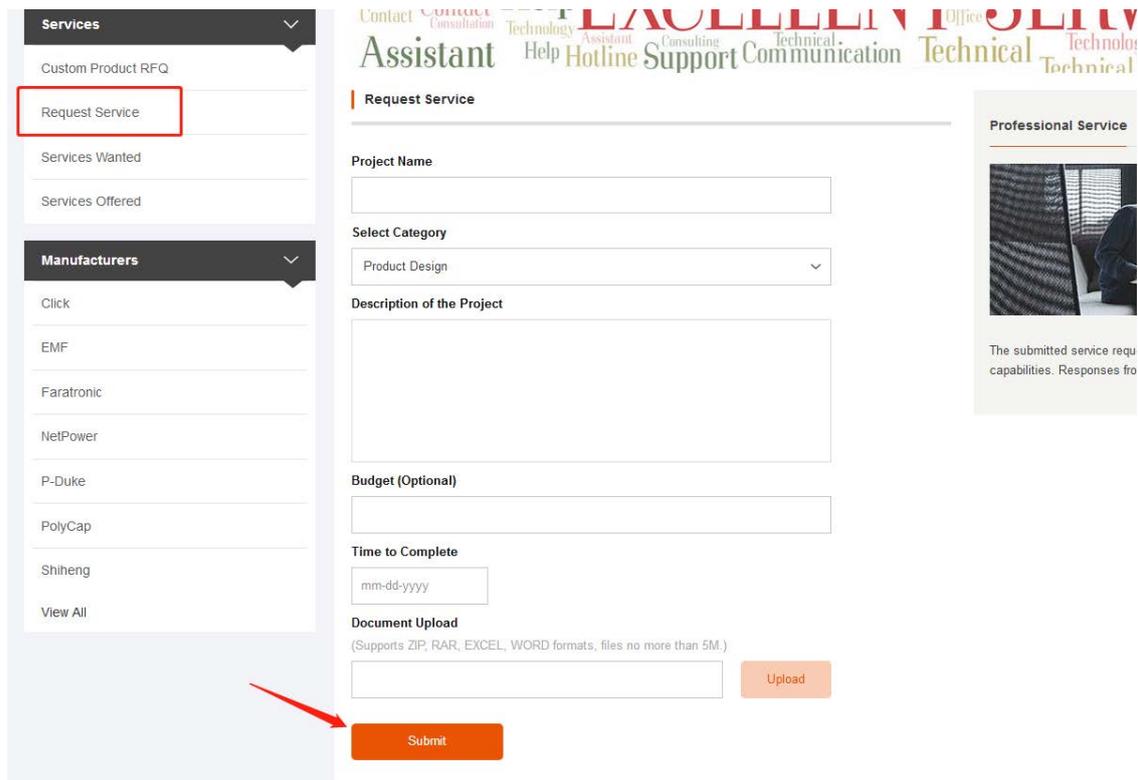
2). Custom Product RFQ: this is a column where all registered members could publish their **product customization needs**; the service buyer should fill in required fields according to the table and then submit and wait for service providers to contact and communicate. Try to provide more detail information so that others can know more about your needs, and this will save time of all parties.

A screenshot of the 'Custom Product RFQ' form on the Coowa website. The form is titled 'Custom Product RFQ' and is located under the 'Services' dropdown menu. The form fields include: Product Name (text input), Select Category (dropdown menu with 'Product Design' selected), Description of Product and Application (text area), EAU (text input), Target Price (Optional) (text input), Time to Prototype (date input), Time to Production (date input), and Document Upload (file input with an 'Upload' button). A red arrow points to the 'Submit' button at the bottom of the form. The background of the website shows a search bar, a 'Support' button, and a banner with the text 'EXCELLENT SERVICE'.

3). Published Custom Product RFQ could be managed under **“My Coowa-Buyer Services-My Custom Product RFQ”**.



4). Request Service: this is a column where registered members can publish **all kinds of service needs** related to the electronic industry, the service buyer should fill in required fields according to the table and then submit and wait for service providers to contact and communicate. Try to provide more detail information so that others can know more about your needs, and this will save time of all parties.



5). Published Request Service could be managed under **“My Coowa-Buyer Services-My Request Service”**.

Home > My Coowa > Buyer Services > My Service Request

My Coowa

My Member Info

- My Profile
- Company Information
- Address Management
- Coowa Points
- Apply for Service
- Membership

Buyer Services

- Product Order
- My Custom Product RFQ
- My Request Service**
- Request for Services Offered
- Service Order

My Service Request

Product Name	Category	Description	Budget	Time to Complete	File	status	Action
EMI Circuit Design	Consultation	We need an EMI peripheral circuit for our railway modules, please contact me. thanks.		2019-05-30	None	None reply	Details Delete

[RETURN TO TOP](#)

6). Services Wanted column displays all service needs that are published by buyers. All members can view this information but only Coowa approved service providers could provide their services to these buyers. Buyers and service providers can communicate through Coowa messages system.

Services

- Custom Product RFQ
- Request Service
- Services Wanted**
- Services Offered

Manufacturers

- Click
- EMF

Services Wanted

Search Name / EAU keywords [Search](#)

Category: All Custom Product RFQ Technical Service

Time of Submit	Request	Category	Description	Buyer	Action
2019-04-28 11:03:34	EMI Circuit Design	Consultation	We need an EMI peripheral circuit for our railway modules, please contact me. thanks.	Crystal	Service Detail Contact Supplier
2019-04-26 13:37:56	Robotics	Product Design	We are looking for a 1/16 brick, 250W, 9-53 vdc in/out. 12 vdc output at 20 AMPS	Rachel Zhu	Service Detail Contact Supplier

7). If you are an approved service provider, you can click to view detail and communicate with the buyer about the project and decide whether to go on with the cooperation.

Services Wanted

Product Name	EMI Circuit Design
Time of Submit	2019-04-28 11:03:34
Category	Consultation
Description of Product and Application	We need an EMI peripheral circuit for our railway modules, please contact me. thanks.
Budget	\$
Time to Complete	2019-05-30
Buyer	Crystal
File	None

[Communication](#) [Back To List](#)

8). Services Offered column displays the service capability of Coowa approved service providers. Buyers could also check details of the service and communicate with the supplier to purchase the listed service. Service provider could publish their service details from **“My Coowa-Supplier Services-Publish Your Service”**

Services Offered

Search Services Offered keywords [Search](#)

Service Type : [All](#) [Product Design](#) [Consultation](#) [Sales & Marketing](#) [Others](#)

Sort By : [Default](#) [Coowa Recommended](#) [Most Sold](#)

Service	Category	Description	Supplier	Action
asdfa	Consultation - Quality system	asfdas	dcy	Service Detail Contact Supplier

Home > My Coowa > Supplier Services > Publish Your Service

My Coowa

My Member Info

- My Profile
- Company Information
- Address Management
- Coowa Points
- Apply for Service Membership

Buyer Services

- Product Order
- My Custom Product RFQ
- My Request Service
- Request for Services Offered
- Service Order
- Credit Line Application
- Order Comments
- Request for Quote
- Contact Support

Supplier Services

- Custom Product RFQ
- Request Technical Service
- My Services Offered
- Service Order
- Publish Your Service**
- Offered Services Management
- Account Balance

Publish Your Service

Service:

Category: Product Design Electrical design

Description:

You have to agree to our [Terms of Services](#) before the submission

Publish
Cancel

9). Deals set up from both “Services Wanted” and “Services Offered” could be managed from **“My Coowa-Buyer/Supplier Services-Service Order”** , when an order is generated, buyer should process the payment and then service provider will provide the service, the payment will be hold by Coowa and service provider could withdraw the payment to their own account when the order is completed.

My Member Info

- My Profile
- Company Information
- Address Management
- Coowa Points
- Apply for Service Membership

Buyer Services

- Product Order
- My Custom Product RFQ
- My Request Service
- Request for Services Offered
- Service Order**
- Credit Line Application
- Order Comments
- Request for Quote
- Contact Support

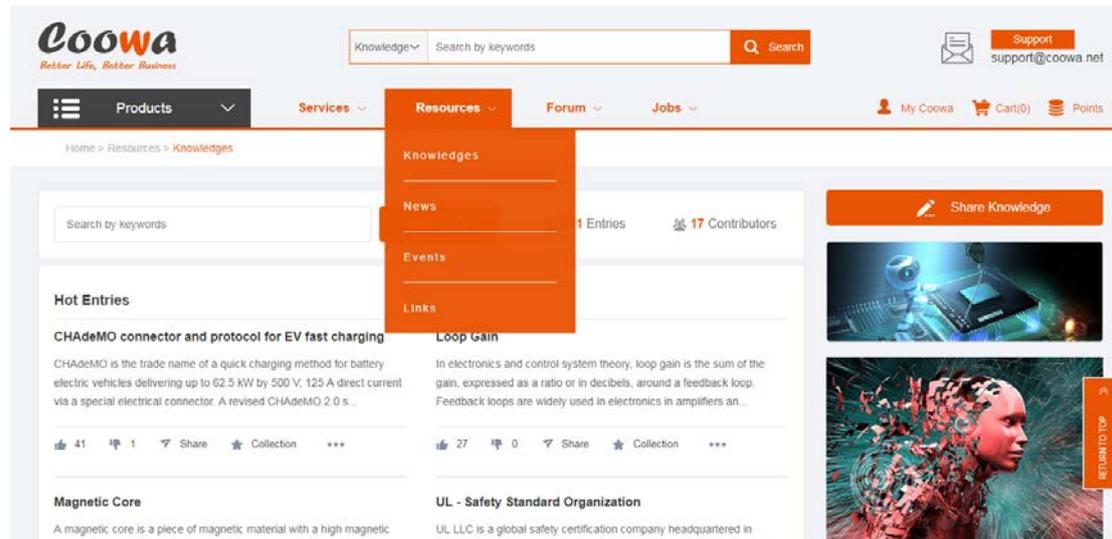
Supplier Services

- Custom Product RFQ
- Request Technical Service
- My Services Offered
- Service Order**
- Publish Your Service
- Offered Services Management
- Account Balance

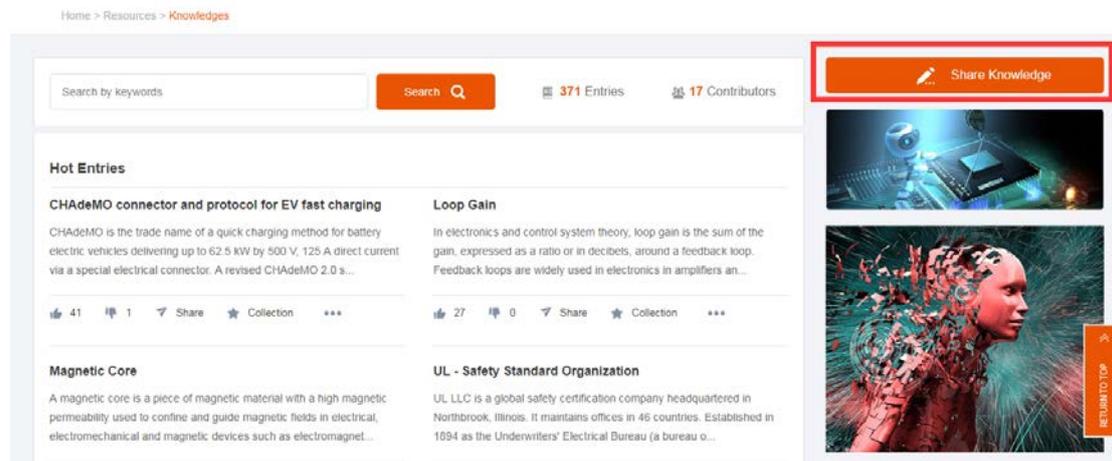
All Orders								
All Orders		Supplier Confirmed (0)	Pending Payment (0)	Buyer Confirmed (0)	Transaction Completed			
Order No.	Time of Order	Service	Description	Price	Supplier	Record	Status	Action

6. Resource Contents Browse and Operation

1). There are four sub-columns under “**Resources**” column: **Knowledges, News, Events, Links**. All registered members or non-registered visitors can view the contents of each column, but only registered and logged in members could comment or publish their own articles or resources.



2). **Knowledges**: This is the most “serious” category under “Resources”, a logged in member could share their knowledges in form of articles which will be helpful for all industry insiders.



3). Knowledges contents browse: when landed at the Knowledges homepage, there are two categories, one is **Hot Entries** and the other is **New Entries**. There is a “View More” button under each category; users could click it to view a full list. Click a title to view the details of the article. users can comment or do other operation only if they are logged in.

Hot Entries

CHAdeMO connector and protocol for EV fast charging

CHAdeMO is the trade name of a quick charging method for battery electric vehicles delivering up to 62.5 kW by 500 V, 125 A direct current via a special electrical connector. A revised CHAdeMO 2.0 s...

41 likes, 0 shares, 0 collections

Magnetic Core

A magnetic core is a piece of magnetic material with a high magnetic permeability used to confine and guide magnetic fields in electrical, electromechanical and magnetic devices such as electromagnet...

25 likes, 0 shares, 0 collections

SiC-Based 6.6kW Bi-Directional, Dual-Active-Bridge Resonant ...

The PMP21495 reference design from Texas Instruments is a 6.6kW, bi-directional, dual-active-bridge resonant converter design that accepts a 380Vdc to 600Vdc input and provides a 280Vdc to 450Vdc out...

21 likes, 0 shares, 0 collections

Supercapacitor

A supercapacitor (SC) (also called a supercap, ultracapacitor or Goldcap) is a high-capacity capacitor with capacitance values much higher than other capacitors (but lower voltage limits) that bridg...

15 likes, 0 shares, 0 collections

Loop Gain

In electronics and control system theory, loop gain is the sum of the gain, expressed as a ratio or in decibels, around a feedback loop. Feedback loops are widely used in electronics in amplifiers an...

27 likes, 0 shares, 0 collections

UL - Safety Standard Organization

UL LLC is a global safety certification company headquartered in Northbrook, Illinois. It maintains offices in 46 countries. Established in 1894 as the Underwriters' Electrical Bureau (a bureau o...

25 likes, 0 shares, 0 collections

An introduction to LLC resonant

Resonant conversion is a topic that is at least thirty years old and where much effort has been spent in research in universities and industry because of its attractive features: smooth waveforms...

20 likes, 0 shares, 0 collections

NEC Class 2 vs. IEC Class II Power Supplies

This CUI article provides a good understanding of the differences between NEC Class 2 and IEC Class II power supplies. NEC Class 2 is about output power limiting to ensure no fire breaks out du...

15 likes, 0 shares, 0 collections

View More

New Entries

Average Current Mode Control of Switching Power Supplies

Current mode control as usually implemented in switching power supplies actually senses and controls peak inductor current. This gives rise to many serious problems, including poor noise immuni...

Power-line communication

Power-line communication (PLC) carries data on a conductor that is also used simultaneously for AC electric power transmission or electric power distribution to consumers...

Magnetic Core

Data: 2019-03-10 23:32:38 Posted by: mrpower View: 77

A magnetic core is a piece of magnetic material with a high magnetic permeability used to confine and guide magnetic fields in electrical, electromechanical and magnetic devices such as electromagnets, transformers, electric motors, generators, inductors, magnetic recording heads, and magnetic assemblies. It is made of ferromagnetic metal such as iron, or ferrimagnetic compounds such as ferrites. The high permeability, relative to the surrounding air, causes the magnetic field lines to be concentrated in the core material. The magnetic field is often created by a current-carrying coil of wire around the core.

The use of a magnetic core can increase the strength of magnetic field in an electromagnetic coil by a factor of several hundred times what it would be without the core. However, magnetic cores have side effects which must be taken into account. In alternating current (AC) devices they cause energy losses, called core losses, due to hysteresis and eddy currents in applications such as transformers and inductors. "Soft" magnetic materials with low coercivity and hysteresis, such as silicon steel, or ferrite, are usually used in cores.

For details, see https://en.wikipedia.org/wiki/Magnetic_core

← BACK

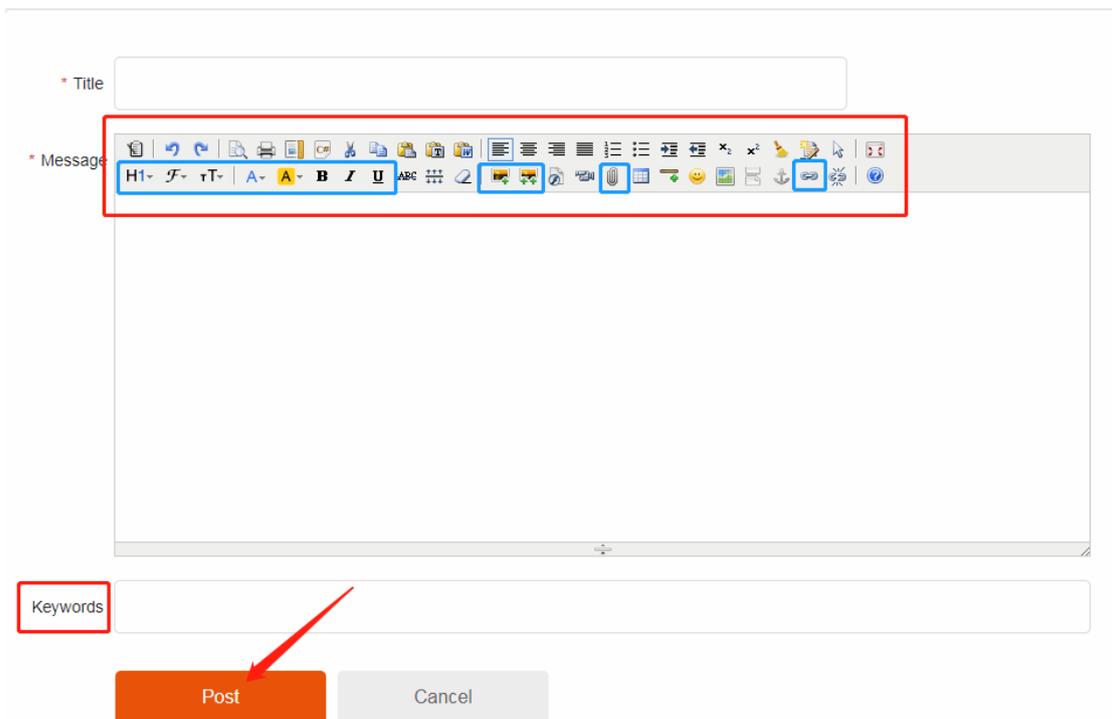
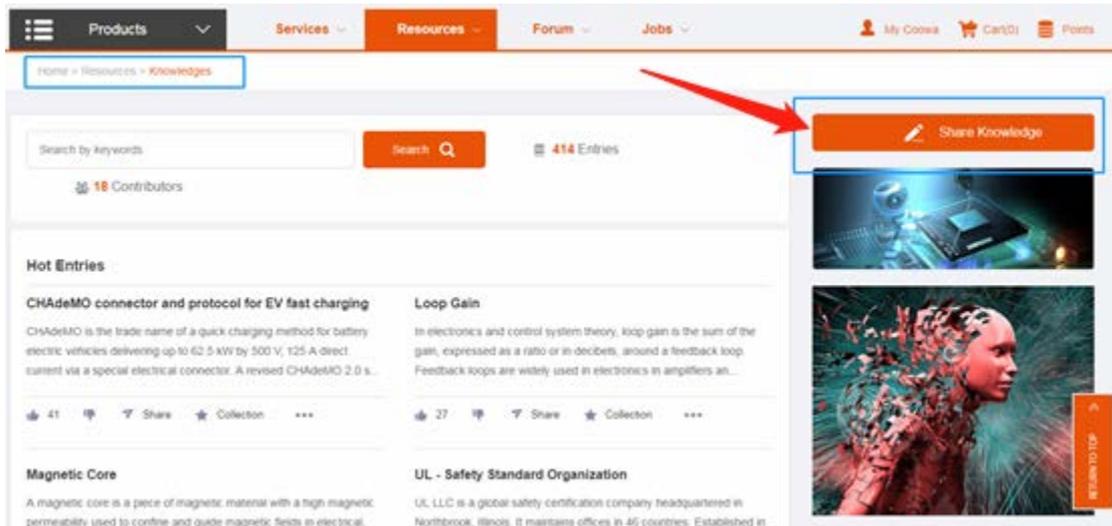
25 likes, 0 shares, 0 collections, 0 comments

Comments: 0

Add a Comment

Please login to comment.

4). Publish a Knowledge article: click the orange “Share Knowledge” button at the right top of Knowledge page and user will go to the article editing page. When release an article, write the title first, and then us can edit the content of the article, user can add pictures, links, attachment to the content, the color, font and size of the text could also set by the tools listed on top of the text box, we recommend user set the font size to 14 points which is most easily recognized. Remember to add some keywords for the article you will release, this will make your article more visible to search tools. click “Post” after finishing editing to release the article.



5). **News** contents browse and publish: News column under “Resources” listed all kinds of news about electronic products and industry, users can click the titles from the news list to view the detail content of the news, and if the user is a registered Coowa member, he or she can log in and publish his/her own news release, please publish some information that are beneficial and new. Similar to “Knowledge Sharing” function, logged in user could click the publish button on top right of news homepage and edit his/her own news article, the operation is similar with knowledge article editing, no need to add keywords, click publish button to proceed.

The screenshot displays the 'News' section of a website. At the top, there is a breadcrumb trail: Home > Resources > News. Below this, a 'News' header is followed by a search bar with a 'Keywords' input field, a 'Search' button, and a 'Publish' button with a pencil icon. The main content area lists three news items, each with a title, author, and release date, followed by a short summary and a 'view more' link. The first item is 'China raises tariffs on US in response' by eva.xu, dated 2019-05-14 13:17:46. The second is 'Apple steps up efforts in India as it takes on lower-priced Chinese smartphones' by Ada, dated 2019-05-14 08:40:39. The third is 'Musk raises \$39m to make humans superhuman' by Gwen, dated 2019-05-13 17:05:31. A 'RETURN TO TOP' button is located on the right side of the news list. Below the news list is a 'Post a Message' section. It features a 'Title' input field and a 'Message' text area with a rich text editor toolbar. At the bottom of the 'Post a Message' section, there are 'Publish' and 'Cancel' buttons. A blue arrow points to the 'Publish' button.

Home > Resources > News

News

Keywords Search Publish

China raises tariffs on US in response
Posted by: eva.xu Release date: 2019-05-14 13:17:46
Move shows Beijing's resolve to safeguard its interests, legitimate rights, experts say China said late on Monday that it will increase tariffs on the bulk of \$60 billion of US imports to three categories of rates between 10 percent and 25 percent. For the rest of the US imports, the[view more](#)

Apple steps up efforts in India as it takes on lower-priced Chinese smartphones
Posted by: Ada Release date: 2019-05-14 08:40:39
Apple Inc is striving to expand in the Indian market, but industry experts noted that it will be difficult for Apple to catch up there with a group of Chinese mobile brands in the short term due to Chinese rivals' advantage in pricing. Apple has finalized a shortlist of locations for its first.....[view more](#)

Musk raises \$39m to make humans superhuman
Posted by: Gwen Release date: 2019-05-13 17:05:31
Neuralink, Elon Musk's start-up which is pioneering links between the human brain and computers, has raised \$39 million of a planned \$51 million funding round, according an SEC filing. Two years ago, an SEC filing said that Neuralink had raised \$29 million in a.....[view more](#)

Researchers bind hydrogen atoms to graphene giving it a handcap

RETURN TO TOP

Post a Message

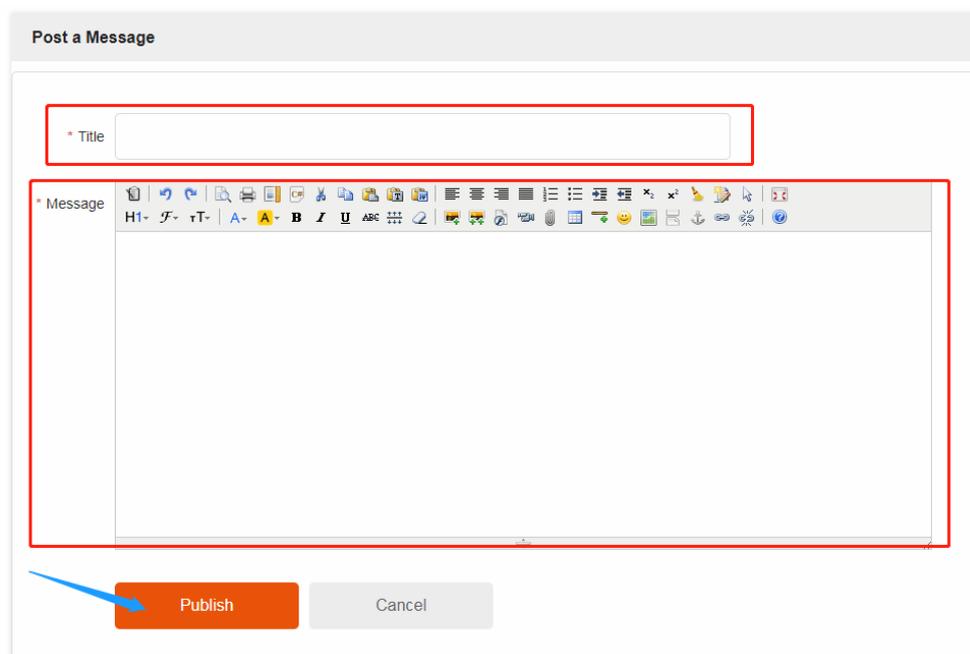
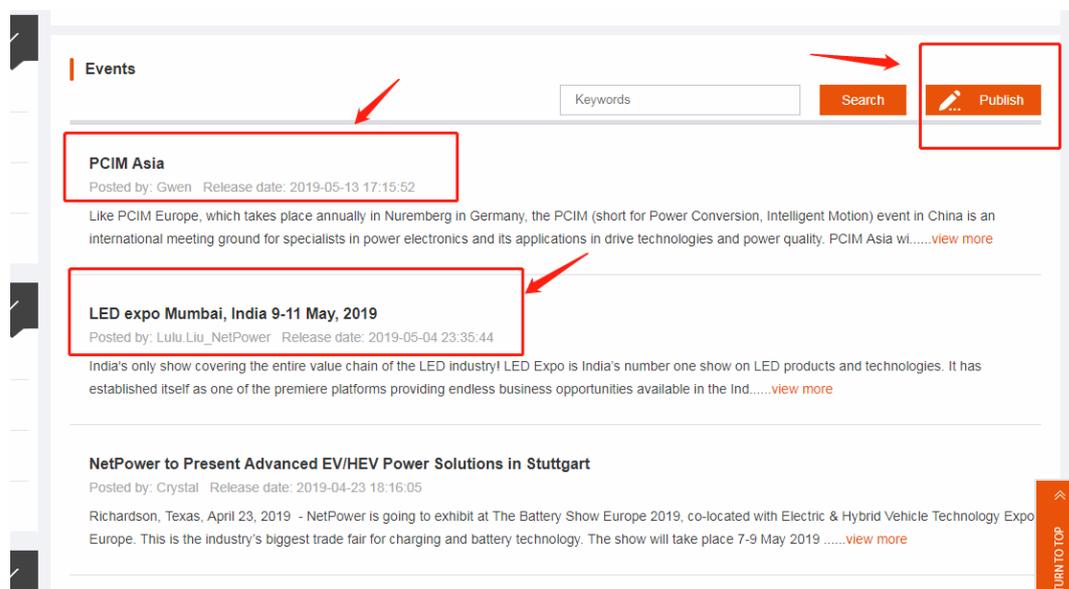
* Title

* Message

H1- [Rich Text Editor Toolbar]

Publish Cancel

6). **Events** contents browse and publish: Events column under “Resources” listed all kinds of events such as trade shows, ceremonies or big days of electronic products and the industry, it could be about your own company or organization and could also be about someone else. users can click the **titles** from the events list to view the detail content of the article, and if the user is a registered Coowa member, he or she can log in and publish his/her own event article. Besides, members can also publish a “**call for action**” content, which may attract members to attend your events or set up **cooperative activities** with other members. Similar to “Knowledge Sharing” function, logged in user could click the publish button on top right of events homepage and edit his/her own contents, the operation is similar with knowledge article editing, no need to add keywords, click publish button to proceed.



7). **Articles/Contents Operation:** **logged in members** could do some interactive operation to the published articles under resource column.

There is a comment box at the bottom of the article details page, **add your comments** if interested. If you think this article is good, you can **click the “thumb up” icon**, if you don't like it, you can **click the “thumb down” icon**, but this “don' t like it” operation won't show from this page to avoid discouragement of content contributors. Author and Coowa admin will know this. **click the star under the article will add this article to your collection** folder under “My Coowa”. If you want to share this article with your social media community, please **click share button** and available channels will pop out.

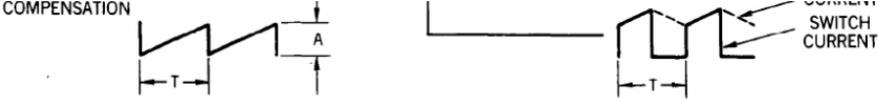


FIGURE 1 - A CURRENT-MODE CONTROLLED BUCK REGULATOR WITH SLOPE COMPENSATION.

for more detail informations, can download: MODELLING, ANALYSIS AND COMPENSATION OF THE CURRENT-MODE CONVERTER

← BACK

1 0 Comments

Share Collection

Comments: 0

Add a Comment

Add a Comment Submit

CHAdEMO connector and protocol for EV fast charging

Date: 2019-02-16 05:55:12 Posted by: mpower View: 277

CHAdEMO is the trade name of a quick charging method for battery electric vehicles delivering up to 62.5 kW by 500 V, 125 A direct current[1] via a special electrical connector. A revised CHAdEMO 2.0 specification allows for up to 400 kW by 1000 V, 400 A direct current [2] It is proposed as a global industry standard by an association of the same name[3] and included in the IEC 62196 standard as configuration AA. Competing standards include the Combined Charging System and the Tesla Supercharger.

← BACK

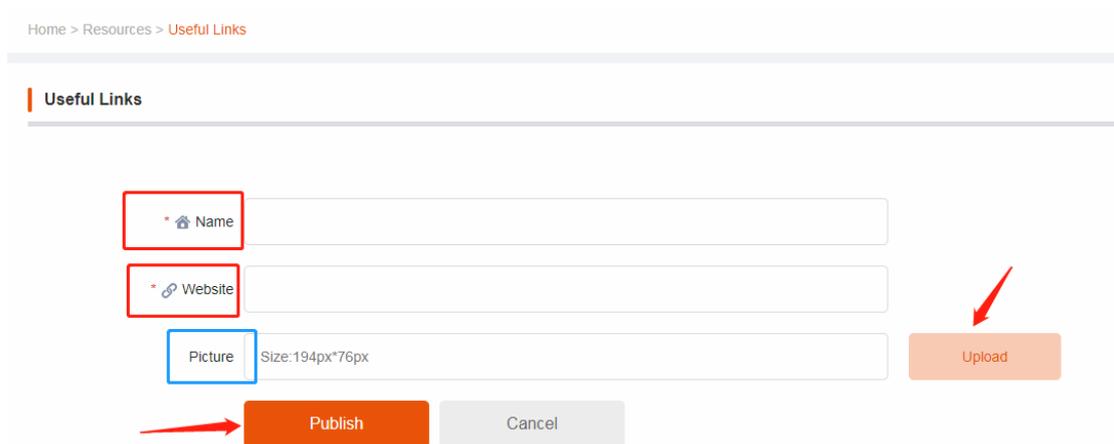
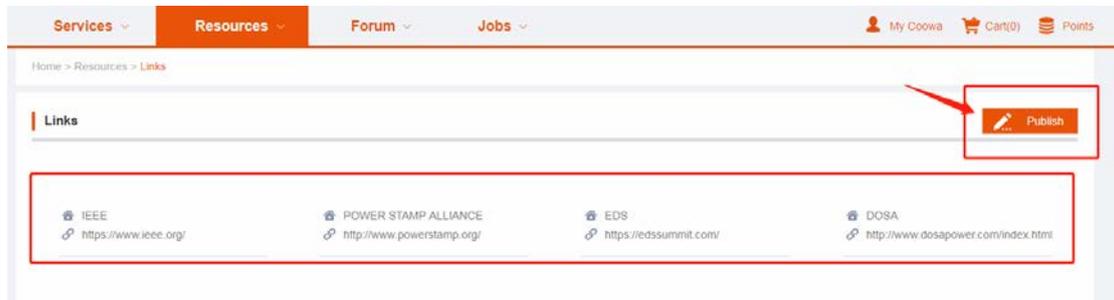
42 0 Comments

Share Collection

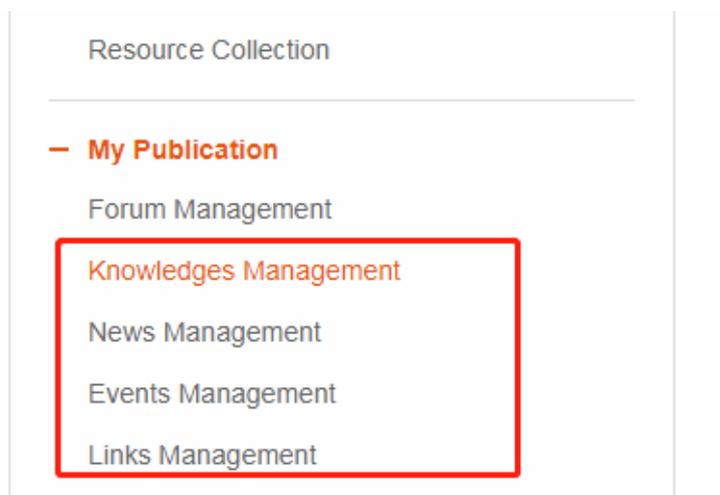
Comments: 0

Facebook
Twitter
Google

8). **Links** column: the links page provide useful industry website information, all members could publish URLs to this column, but make sure it is beneficial for industry experts and insiders. Coowa will audit the published contents, anything inappropriate would be removed. Click “Publish” button to add an URL, Name and Website must be filled before publish, picture column is optional, which is usually a website/company LOGO.

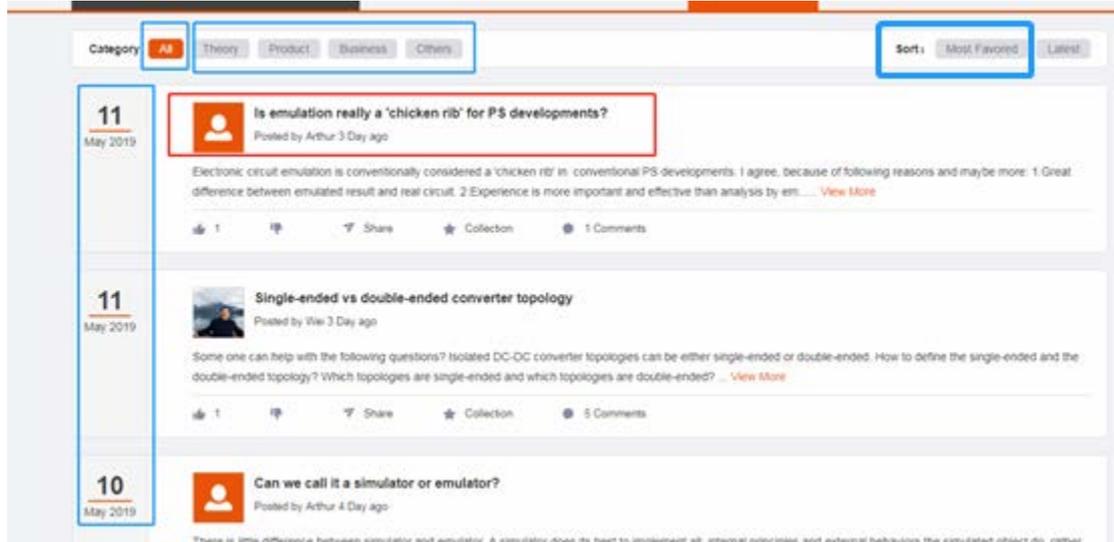


9). All published contents under “**Resources**” could be managed from “**My Coowa-My Publication**”



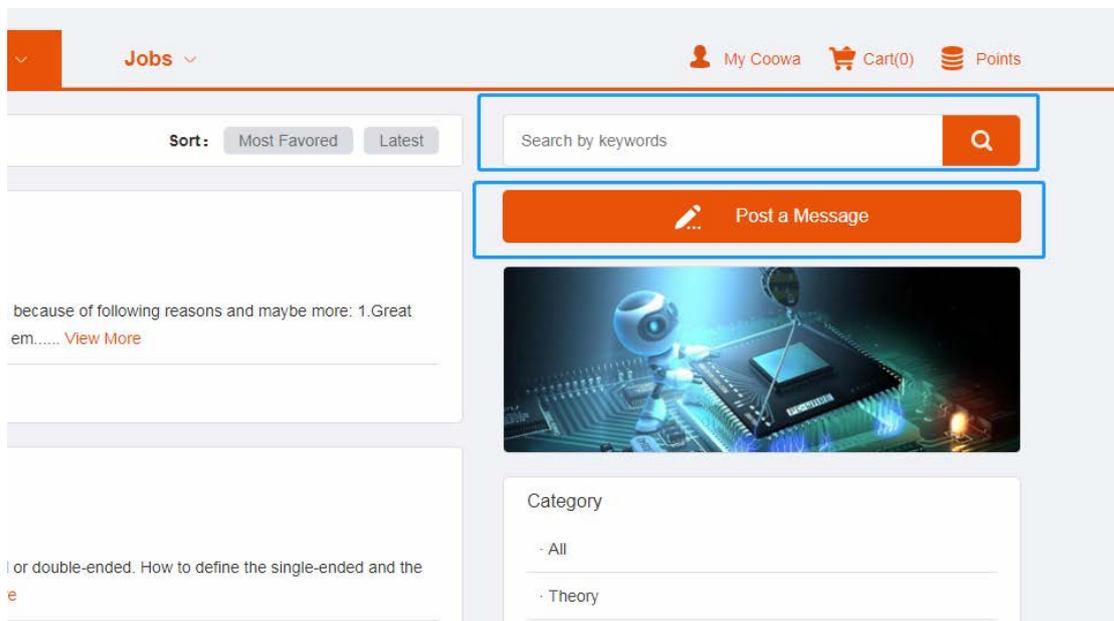
7. Forum Publication and Management

1). From the homepage of Forum column, visitors or Coowa members could check the latest topics list, click the title or “View More” to check more details, generally the list is arrange by time, but visitors could also click the labels on top of the page to sort the list and find the your most interested contents.



2). Click “Post a Message” button on top right corner of Forum homepage to publish the Forum post, similar with the resource article publish, edit the contents before post, the difference is that you have to choose a category to label your post.

One thing to note: users from all pages could use the **search box** below navigation to search contents by keywords. Including **Services, Resources, Forum and Jobs**.



Home > Forum > Post a Message

Products Services Resources Forum Jobs

* Title

* Category Theory

* Message

Post Cancel

3). View the post details and find more information about the author: click a title or “View More” in the Forum list page will take you to the details of a post, and you can also see the latest posts of the author.

Home > Forum > Others < Return to the Topic List

Category: Others Hit Count: 41

Owning a Car Will Soon Be as Quaint as Owning a Horse
 mrpower Posted on 2019-05-01 20:34:44

I read an article that echoes with what I wrote a few days ago about the future of the cars. Here is the article by

By Kara Swisher

Ms. Swisher covers technology and is a contributing opinion writer.
<https://www.nytimes.com/2019/03/22/opinion/end-of-cars-uber-lyft.html>

I will die before I buy another car.

I don't say that because I am particularly old or sick, but because I am at the front end of one of the next major secular trends in tech. Owning a car will soon be like owning a horse — a quaint hobby, an interesting rarity and a cool thing to take out for a spin on the weekend.

Before you object, let me be clear: I will drive in cars until I die. But the concept of actually purchasing.

mrpower
 Posts: 7 / Comments: 0

- DC Fast Charging Protocol
- When and where do you think the fast charging stations will be built in U.S and European cities?
- The Use of Forum
- For Young Professionals - how to advance effectively on your career path
- Post Contents Under Proper Category
- Battery Powered EV and Future City Commute
- Owning a Car Will Soon Be as Quaint as Owning a Horse

RETURN TO TOP

4). Quite similar with resource articles, logged in members could show their “like” or “don’t like” feeling to a post, they could also share, add to collection or comment a post, besides, they can even reply a comment to the post.

This screenshot shows the top interaction bar of a post, which is highlighted with a red box. It contains icons for liking (9), reporting, sharing, adding to a collection, and commenting (2 Comments). Below this is the comment section, which shows two comments from users Gwen and Amy. Each comment includes a profile picture, name, timestamp, text, and a 'Reply' button. At the bottom, there is a text input field for adding a new comment and a 'Submit' button.

9 Report Share Collection 2 Comments

Comments: 2

Gwen 1 Day ago
The world changes so fast with the development of technology, autonomous vehicles, IoT, blockchain...
0 Reply

Amy 6 Hours ago
I hope the era of truly autonomous driving come soon , then there will be no traffic jams,no driving licence penalty point system.We can cut our driving licences as the author says "I cut the cord"
0 Reply

Add a Comment

Add a Comment Submit

This screenshot is similar to the one above, but it shows the 'Reply' button for the first comment (Gwen) highlighted with a red box. A red box also highlights the reply form that appears below the comment, which includes a text input field, a 'Cancel' button, and a 'Submit' button.

9 Report Share Collection 2 Comments

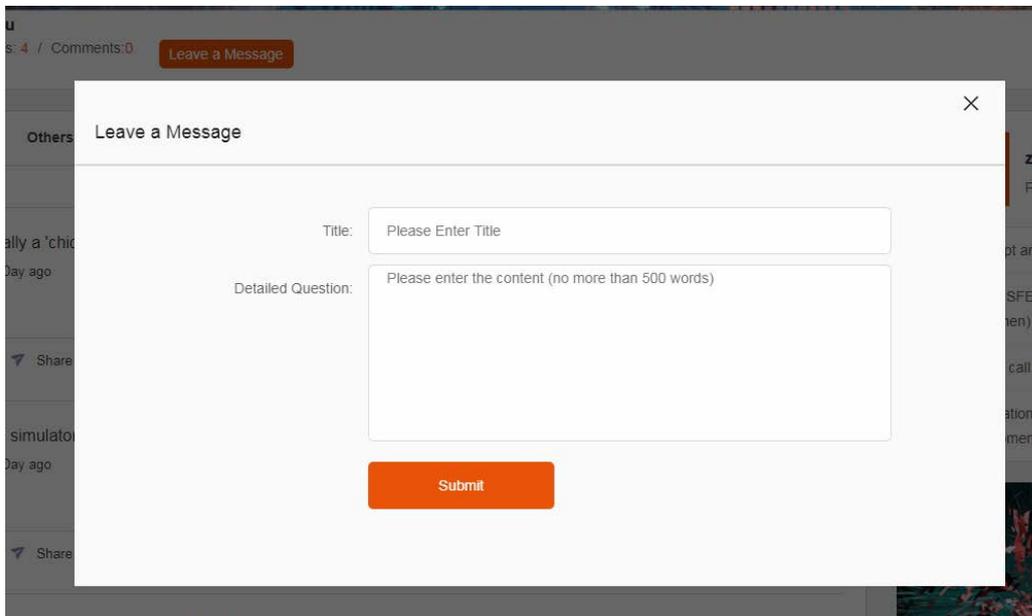
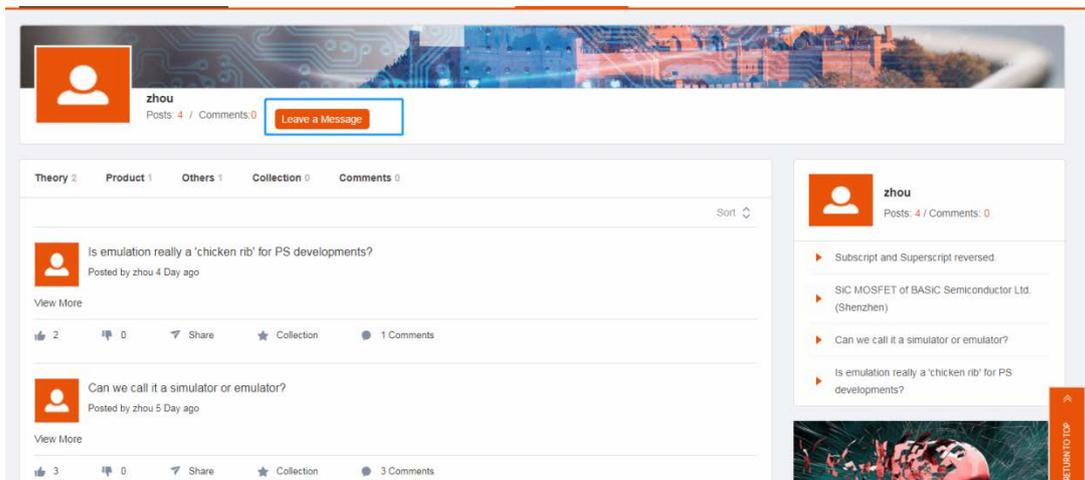
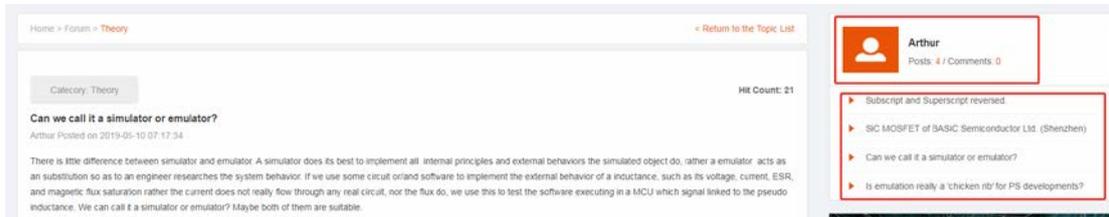
Comments: 2

Gwen 1 Day ago
The world changes so fast with the development of technology, autonomous vehicles, IoT, blockchain...
0 Reply

Reply Gwen:
Cancel Submit

Amy 6 Hours ago
I hope the era of truly autonomous driving come soon , then there will be no traffic jams,no driving licence penalty point system.We can cut our driving licences as the author says "I cut the cord"
0 Reply

5). View a blogger personal page: In the post detail page, users can click the profile photo or username of the blogger and then the blogger personal page will appear. Users can check all activities of the blogger from this page, and a logged in user can click “Leave a Message” button to get in contact with the blogger.



6). All published posts of a Coowa member could manage his/her posts under **“My Coowa-My Publication-Forum Management”**.

— **My Publication**

Forum Management

Knowledges Management

News Management

Events Management

Links Management

8. Jobs Column Utilization and Management

- 1). All visitors could check the jobs list under this column, but only logged in members could publish a hiring post or get in touch with the employer by InMails.
- 2). If you are an employer and you want to employ new staffs, then you can go to the “Hiring a Professional” page and fill in the listed fields, and the right candidates will contact you when they see this. No charges for both sides.

Home > Jobs > Hiring a Professional

Jobs

- Hiring a Professional
- Jobs

Services

- Custom Product RFQ
- Request Service
- Services Wanted
- Services Offered

Manufacturers

- Click
- EMF
- Faratronic
- NetPower
- P-Duke
- PolyCap
- Shiheng
- View All

Hiring a Professional

Job Title

Location

Company

Contact

Email

Expiry date

Job Description

Submit

Jobs

TOP TALENT

The job opportunities will be displayed in the order of their publishing. It are likely using key word search to find the openings of their interests. the positions that are no longer available.

- 3). If you are a professional who is looking for opportunities, you can go to the “Jobs” page to check what kind of jobs are available. Logged in and contact with the employer directly by Inmails or just send an email to the employer. It is an easy and free way to get yourself more opportunities.

Home > Jobs

Jobs

- Hiring a Professional
- Jobs

Services

- Custom Product RFQ
- Request Service
- Services Wanted
- Services Offered

Manufacturers

- Click
- EMF

Jobs List

Search by keywords

Job Title	Location	Description	Company	Action
Marcom Specialist - Power	SH	we need a marketing specialist for power products, please contact with me with your CV, thanks	NP	<input type="button" value="Job Detail"/> <input type="button" value="Contact HR"/>

9. My Coowa (Personal Center of A Registered Member)

1). Main page of the member center including personal basic information, order lists and message list. There is navigation bar at the left of the page.

My Coowa

- My Member Info
 - My Profile
 - Company Information
 - Address Management
 - Coowa Points
 - Apply for Service Membership
- Buyer Services
 - Product Order
 - My Custom Product RFQ
 - My Request Service
 - Request for Services Offered
 - Service Order
 - Credit Line Application
 - Order Comments
 - Request for Quote
 - Contact Support
- Supplier Services
 - Custom Product RFQ

Account Summary

Apply for Service Membership

Manage Request Manage Service

\$ 0.00 2101 \$ 5000.00

Account Balance Coowa Points Credit Line

Product Order [To order management >>](#)

Order No.	Time of Order	Total Amount	Amount Due	ETD	Status	Action
CW1000025320190509143315	2019-05-09 14:33:18	\$ 1458.000	\$ 1458.000		Seller Confirmed	Details
CW1000025320190506175149	2019-05-06 17:51:49	\$ 12.110	\$ 12.110		Seller Confirmed	Details
CW1000025320190426173354	2019-04-26 17:33:54	\$ 14.250	\$ 29.250	8 weeks	Pending Payment	Details

Service Order [To order management >>](#)

Order No.	Time of Order	Supplier	Description	Status	Action
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Message [View More](#)

RETURN

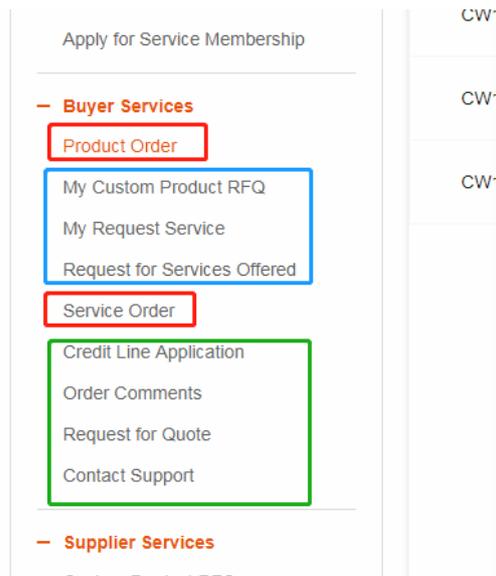
2). **My Member Info:** Logged in members could **edit or add basic information** in “My Profile” page and “Company Information” page, there also address management page. member’s Coowa points details are listed in “Coowa Points” page. If the member didn’t apply the service membership when register the account, he or she may apply from “Apply for Service Membership” page if needed.

My Coowa

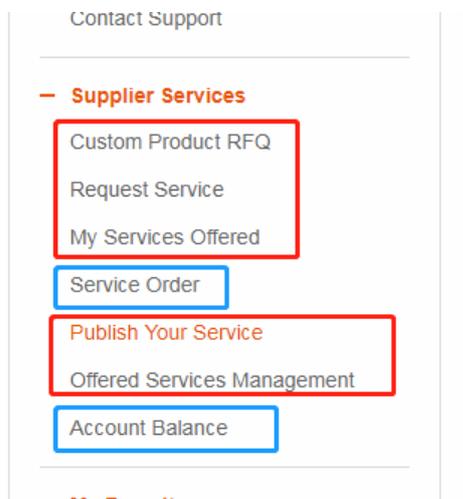
- My Member Info
 - My Profile
 - Company Information
 - Address Management
 - Coowa Points
 - Apply for Service Membership
- Buyer Services
 - Product Order
- Supplier Services
 - Custom Product RFQ

RETURN

3). **Buyer Services:** All buyer related records and information are included in the buyer services part, placed product orders could be checked in “Product Order” page; all services related communications could be find from “My Custom Product RFQ”, “My Request Service” and “Request for Service Offered” pages; placed service orders could be checked in “Service Order” page, including three types listed above; a long time buyer could apply credit payment from “Credit Line Application” page or the member center main page when he or she accumulates enough credit records; members can also find their order comments and enquiries under this column.



4). **Supplier Services:** Corresponding to the three types of services, supplier services column also have three pages of communication records for suppliers - Custom Product RFQ, Request Service, My Services Offered; “Service Order” page has all order records that the service provider consolidated with buyers; “Publish Your Service” and “Offered Services Management” are management pages of offered services; “Account Balance” page is the place where supplier could manage his/her income when an service order is completed.



5). **“Account Balance”** under “Supplier Services” allow suppliers to manage their incomes and accounts. A supplier should first add his/her bank account information to make sure they can withdraw money from the account. click **“Cash Withdraw”** button will lead you to the certification page (bank information management), when the account is set, supplier can go on with other operations.

The image shows two screenshots of a web application. The top screenshot is titled "Account Balance" and shows a balance of \$ 0.00. A blue arrow points to an orange "Cash Withdraw" button. Below this is a table with columns: Date, Source, Amount, and Description. The bottom screenshot is titled "Cash Withdraw" and shows a form for entering withdrawal details. It includes a "Balance: \$ 0.00" and "Available Balance: \$ 0.00" section. The form fields are: "Withdraw Amount:" (input field), "Name:" (input field), "Mobile Phone:" (input field), "Bank:" (input field), "Account:" (input field), and "Note:" (input field). A red box highlights the "Name:", "Mobile Phone:", "Bank:", and "Account:" fields. At the bottom, there are "Submit" and "Cancel" buttons. A vertical orange button labeled "RETURN TO TOP" is on the right side.

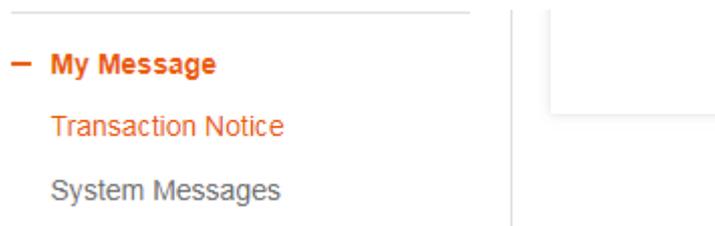
6). **Collection Management:** Members could find their favorite contents or products under “My Favorites” including products, Forum posts and resource articles.

The image shows a screenshot of a web application interface. It features a section titled "My Favorites" with a red box highlighting three items: "Products Collection", "Forum Collection", and "Resource Collection". Below this section is another section titled "My Publication".

7). **Publication Management**: All published information by a member could be found under “My Publication”, they are: Forum, Knowledges, News, Events and Links, much more still to come.

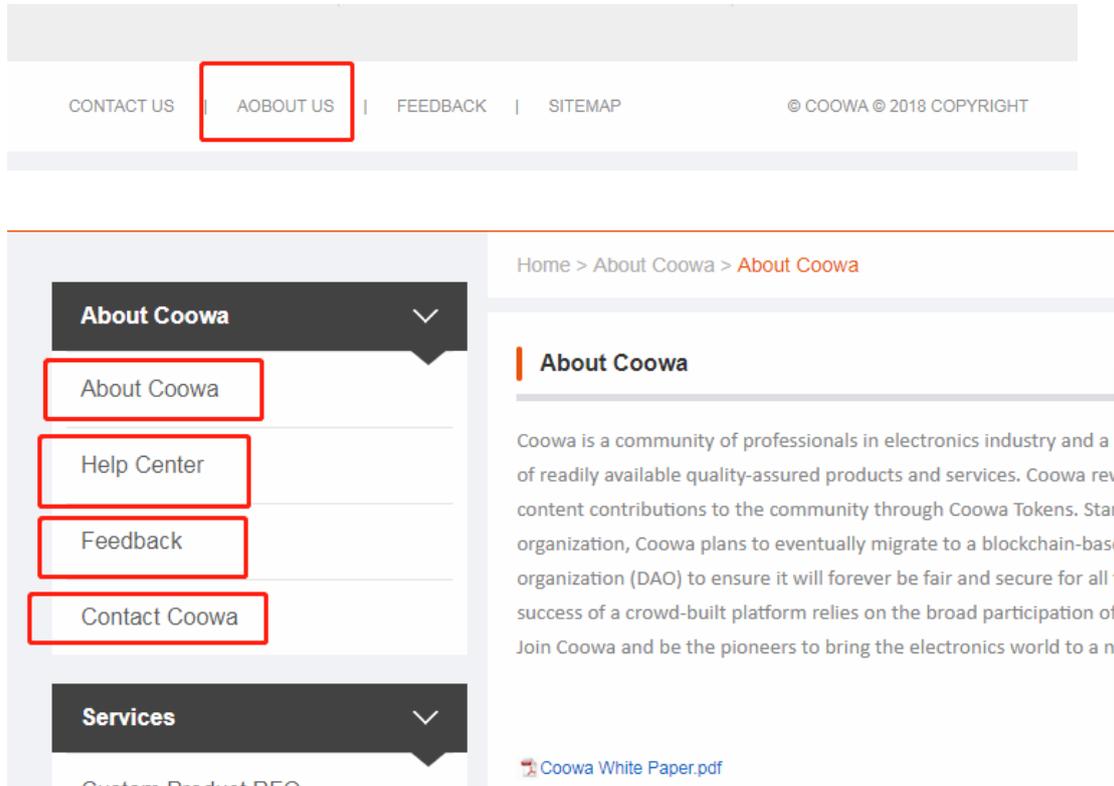


8). **Messages Management**: All messages from web system or members and also other operation messages could be checked or replied under “My Message”

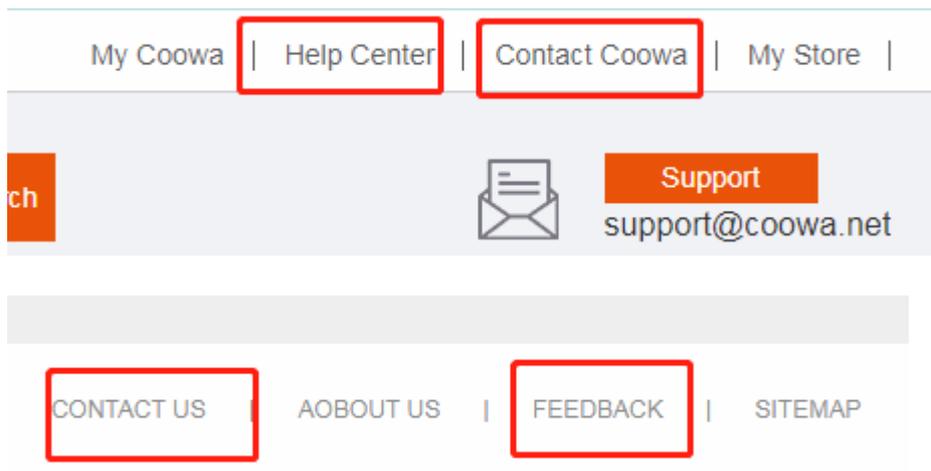


10. Other Columns

1). **About Us**: There is entrance at the bottom of each page, click to find more about the website.



2). **Help Center**: Coowa will add more and more help information here, if you can't find what you need, please click "Contact Coowa" or "Feedback" to get more information from Coowa admin.



3). **Feedback:** A logged in Coowa member could send their inquiries or suggestions to Coowa from “Feedback” page, fill in the required fields and then submit.

Home > About Coowa > Feedback Coowa

Feedback

Subject

Email Address

Description

Submit **Cancel**

4). **Contact Coowa:** visitors could find Coowa contact information from this page.

Home > About Coowa > Contact Coowa

Contact Coowa

Address: 1680 Prospect Dr. #200 Richardson, TX 75081
Toll Free: +1 866-638-7693
Email: support@coowa.net