



# Rack Power Introduction

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# Outline

1. Smart controller overview
2. Model list vs. Smart controller
3. Catalog of system built by Rack Power & Charger
4. Product Category & Road Map
5. Advantages
6. Applications











# Smart Controller Overview

※ Please click on model name for specifications

| Smart Controller             | Picture   | Corresponding Models   | Key features  |
|------------------------------|---|--|---|
| <a href="#"><u>CMU 1</u></a> |   | <a href="#"><u>RCP-1000/1000-C series</u></a>                                    | <ul style="list-style-type: none"> <li>● 1U 19-inch rackmount and standalone</li> <li>● Front panel LDC and web UI</li> <li>● UES, RS-232 or ethernet interface for PC connection</li> <li>● Alarm/event log with time and data</li> <li>● Windows-based PC software</li> <li>● 4 programmable relay outputs</li> <li>● 5years warranty</li> </ul>  |
|                              |   | <a href="#"><u>RCP-1600 series</u></a><br><a href="#"><u>RCB-1600 series</u></a> |   |
|                              |   | <a href="#"><u>RCP-2000 series</u></a>   |   |
| <a href="#"><u>CMU 2</u></a> |  | <a href="#"><u>DRP-3200 series</u></a><br><a href="#"><u>DBR-3200 series</u></a> | <ul style="list-style-type: none"> <li>● 3U 19-inch rackmount and standalone</li> <li>● 7" TFT LCD touch panel and buttons</li> <li>● Ethernet port for on-site and remote operation</li> <li>● Selectable PMbus, CANbus, RS485, and RS-232 communication interface</li> <li>● Power management/ Burn-in/EV charging/Horticulture firmware ready.</li> <li>● Data/event log with time and date</li> <li>● 4 programmable relay outputs</li> <li>● 5 years warranty</li> </ul> |

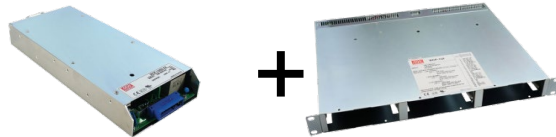



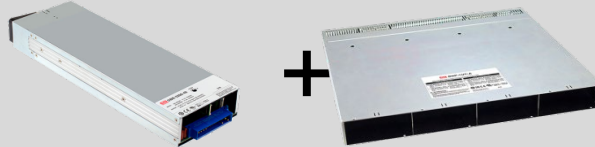
# Rack Power & Charger Catalog

※ Please click on model name for specifications

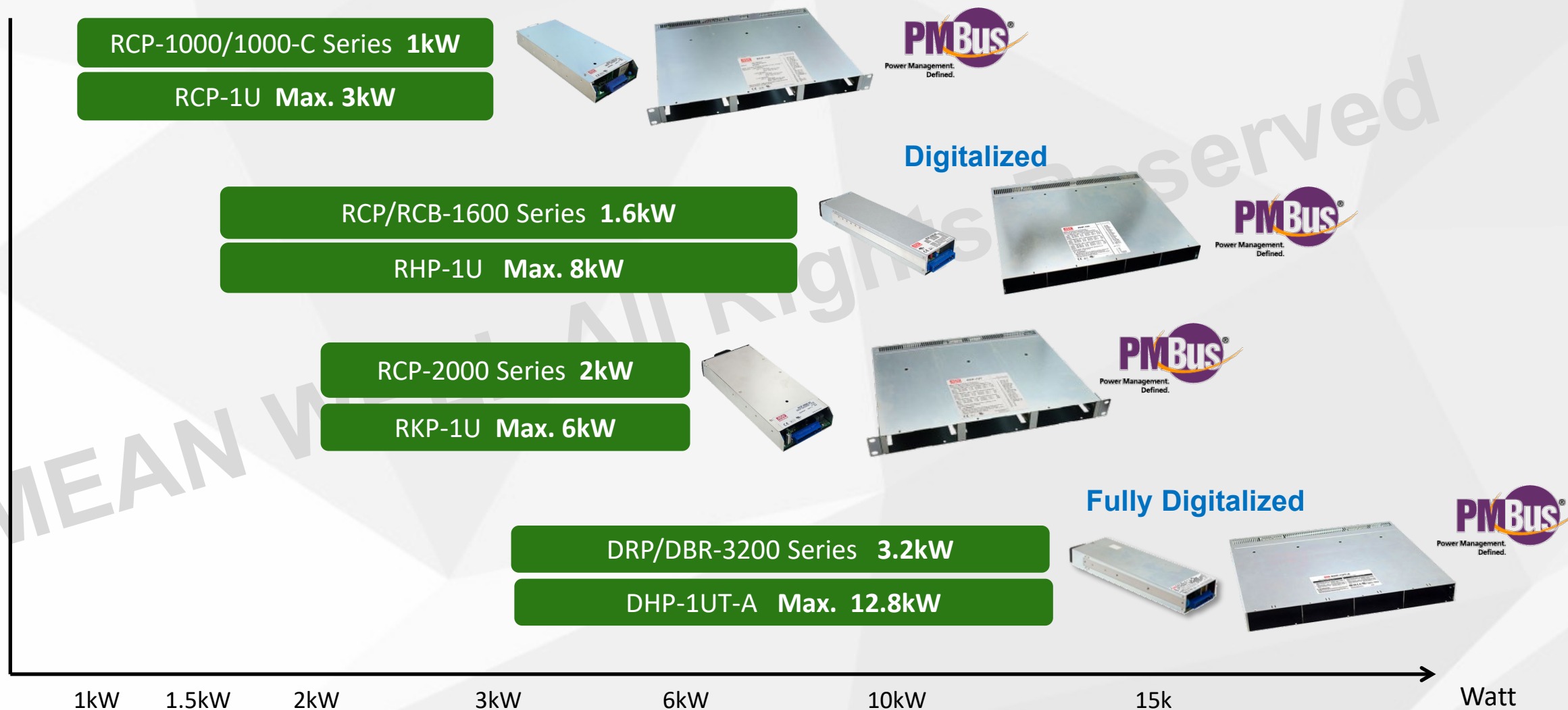
| Standalone Photo  | Type    | Model Name               | Output Power | Output Voltage    | Rackmount Photo   | Model Name              | Max. Output Power | Key Features   |
|---|---------|--------------------------|--------------|-------------------|---|-------------------------|-------------------|--|
|    | PSU     | <a href="#">RCP-1000</a> | 1kW          | 12/ 24/ 48V       |    | <a href="#">RCP-1U</a>  | 3kW               | <ul style="list-style-type: none"> <li>PV Function</li> <li>Hot Plug</li> <li>Support PMBus</li> <li>Parallel operation (Max. 8kW)</li> </ul>  |
|    | PSU     | <a href="#">RCP-1600</a> | 1.6kW        | 12/ 24/ 48V       |    | <a href="#">RHP-1U</a>  | 8kW               | <ul style="list-style-type: none"> <li>PV &amp; PC PV Function</li> <li>Hot Plug</li> <li>Digital control,</li> <li>Support PMBus / CANbus</li> <li>Parallel operation(Max. 24kW)</li> <li><b>Built-in charging curves (Charger)</b></li> </ul>  |
|   | Charger | <a href="#">RCB-1600</a> | 1.6kW        | 14.4/ 28.8/ 57.6V |   |                         |                   |  |
|   | PSU     | <a href="#">RCP-2000</a> | 2kW          | 12/ 24/ 48V       |   | <a href="#">RKP-1U</a>  | 6kW               | <ul style="list-style-type: none"> <li>PV Function</li> <li>Hot Plug</li> <li>Support PMBus</li> <li>Parallel operation (Max. 18kW)</li> </ul>   |
|  | PSU     | <a href="#">DRP-3200</a> | 3.2kW        | 24/ 48V           |  | <a href="#">DHP-1UT</a> | 12.8kW            | <ul style="list-style-type: none"> <li>PV &amp; PC PV Function</li> <li>Hot Plug</li> <li>Digital control</li> <li>Support PMBus / CANbus</li> <li>Parallel operation (Max. 128kW)</li> <li><b>Built-in charging curves (Charger)</b></li> </ul> |
|   | Charger | <a href="#">DBR-3200</a> | 3.2kW        | 28.8/ 57.6V       |   |                         |                   |  |



# System Power Catalog

| Rack Photo  | Type    | Output Voltage  | Model No. (PSU included) | Max. Output Power | System Photo  |
|---|---------|-----------------|--------------------------|-------------------|---|
|    | PSU     | 12/24/48V       | RCP-3K1U                 | 8kW               |  |
|    | PSU     | 12/24/48V       | RHP-8K1U                 | 24kW              |   |
|   | Charger | 14.4/28.8/57.6V |                          |                   |   |
|    | PSU     | 12/24/48V       | RKP-6K1U                 | 18kW              |   |
|  | PSU     | 24/48V          | DHP-12K1U                | 128kW             |   |
|   | Charger | 28.8/57.6V      |                          |                   |   |

# Road Map Rack Power



# Road Map System Power



# Advantages

## Complete Product Line

- Power Module:  
3200W  
Power Shelf:  
3k-12.8kW  
Max. Power **128kW!**
- Offer service to  
customize product

## Complete Safety Approvals

- 62368-1 ITE Safety
- CB report
- Complete factory  
Quality  
Management  
Systems:  
ISO9001 ISO14001  
ISO45001 KS/PSE  
certified factory

## Distribution Channel & Service

- Global Sales Channel
- Global After-sales  
Service
- Online inventory  
check service
- Fast delivery with  
small quantity PO
- 30 days Delivery

## Good Brand Awareness

- International Brand
- Transparent product  
Info
- Complete marketing  
events/teams
- Your reliable power  
partner



# Applications



## UV Curing Printer

- Heavy industrial machinery
- Heavy power consuming
- Need high wattage and centralized power system



## Water Treatment

- Distributed or Centralized power configuration
- Programmable current control



## Particle Accelerator

- Heavy power consuming
- High reliable and precise control



## Burn-in Equipment

- Extremely heavy power consuming
- Needs centralized power system

# WHY MEAN WELL



P

## Products



More than 10,000 models, continues to introduce 10% new models and EOL 5% every year

Q

## Quality



High reliability and quality indicator  
Post-sales failure rate decreases by 10% each year

C

## Cost



High cost-performance products, stable material price, complete supply chain integration

D

## Delivery



24-hour delivery for small amount order.  
14-day delivery for frequent purchase standard products.

S

## Service



MEAN WELL Group and distributors provide services 24 hours a day, and commit to reply within 24 hours

R

## Reliable Relationship



75% of revenue come from long-term distributors and customers