



Rack, Charger & System Power Product Line Introduction

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Outline

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



Products Introduction

Flexible

- Flexibly expand output power up to **128kW**
- Support hot-plug (hot swap)

Intelligent

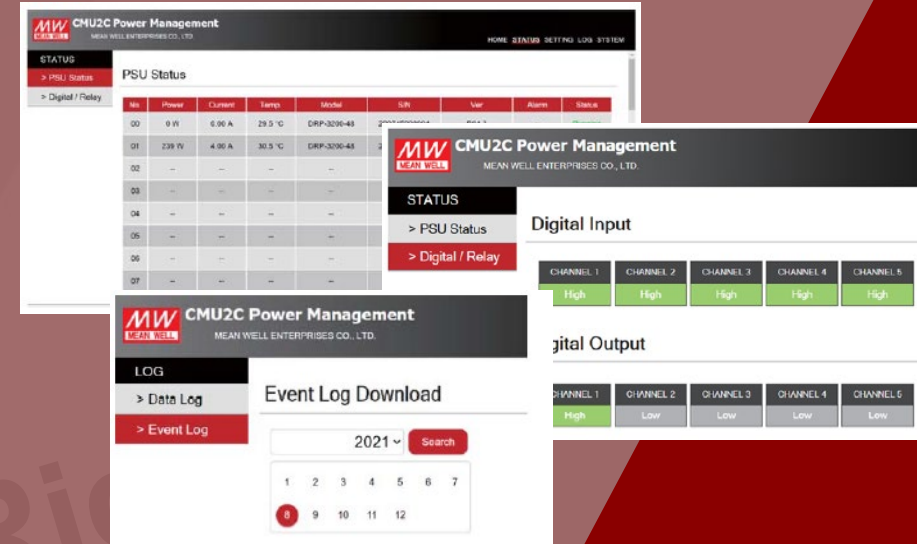
- Smart controller **CMU1 & CMU2** available
- Digitalized design, precise control on parameters
- **Software & firmware ready** for different applications

Programmable

- **Programmable** output voltage and current
- Different **communication protocols ready**



Smart UI

- **Web UI** ready for monitor and control locally or remotely











Smart Controller Catalog

※ Please click on model name for specifications






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

Rack Power & Charger Catalog

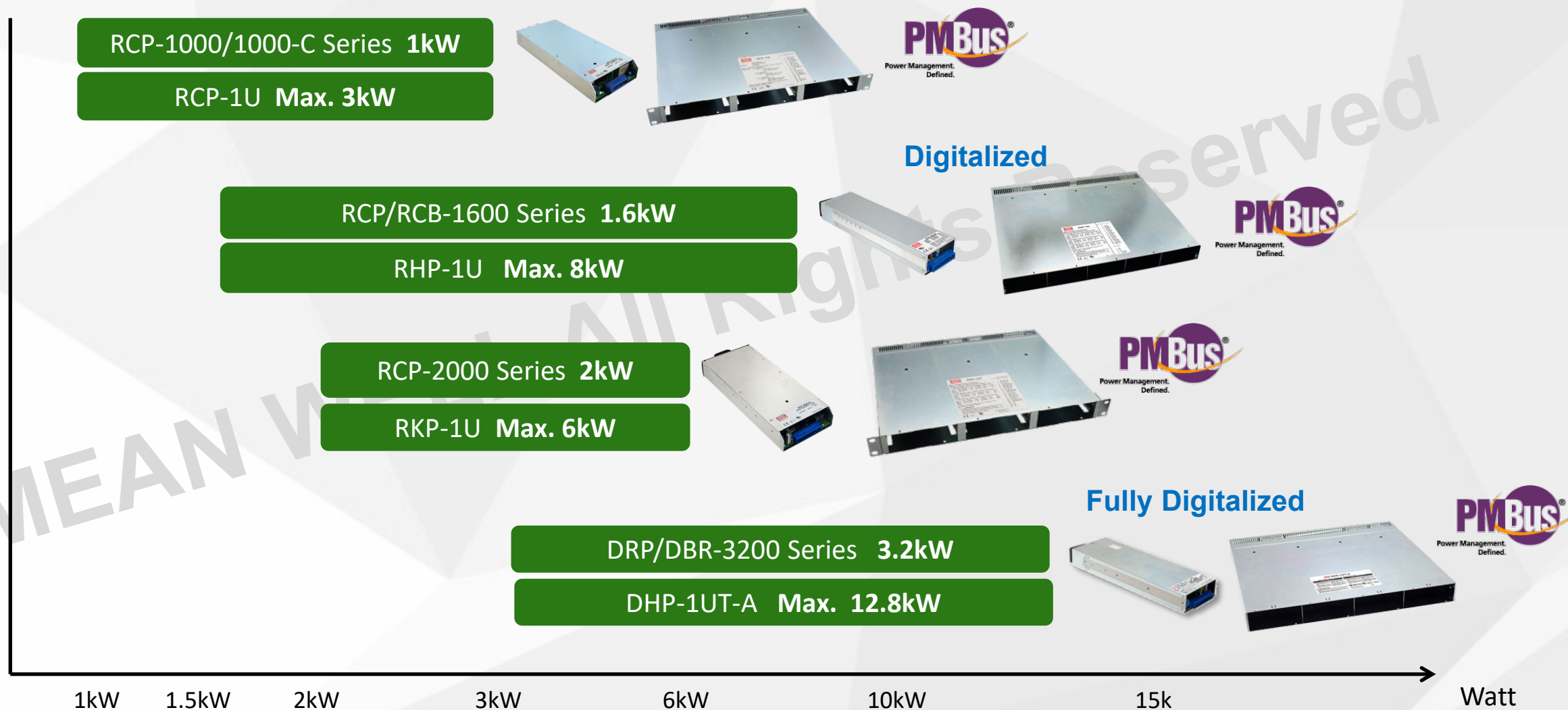
※ Please click on model name for specifications

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

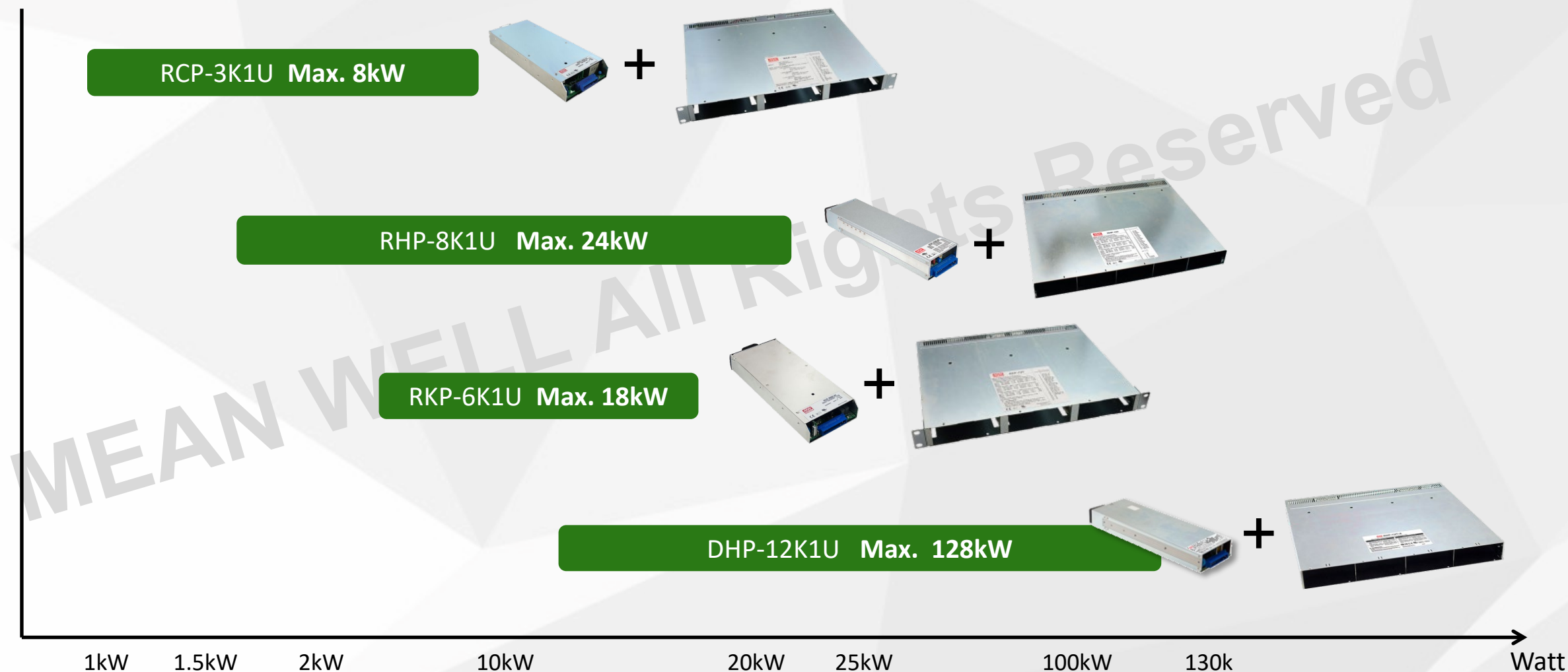
System Power Catalog

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