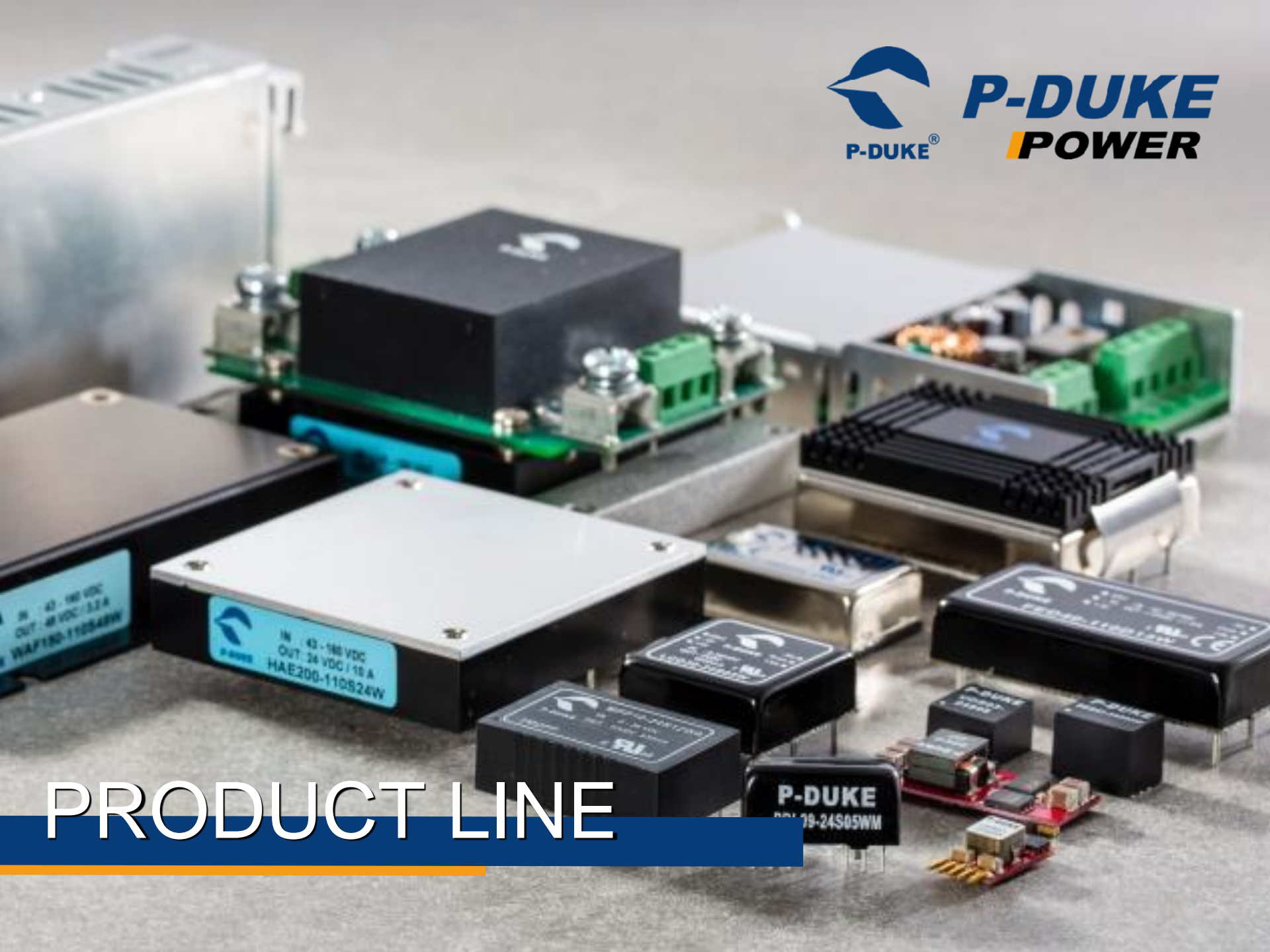




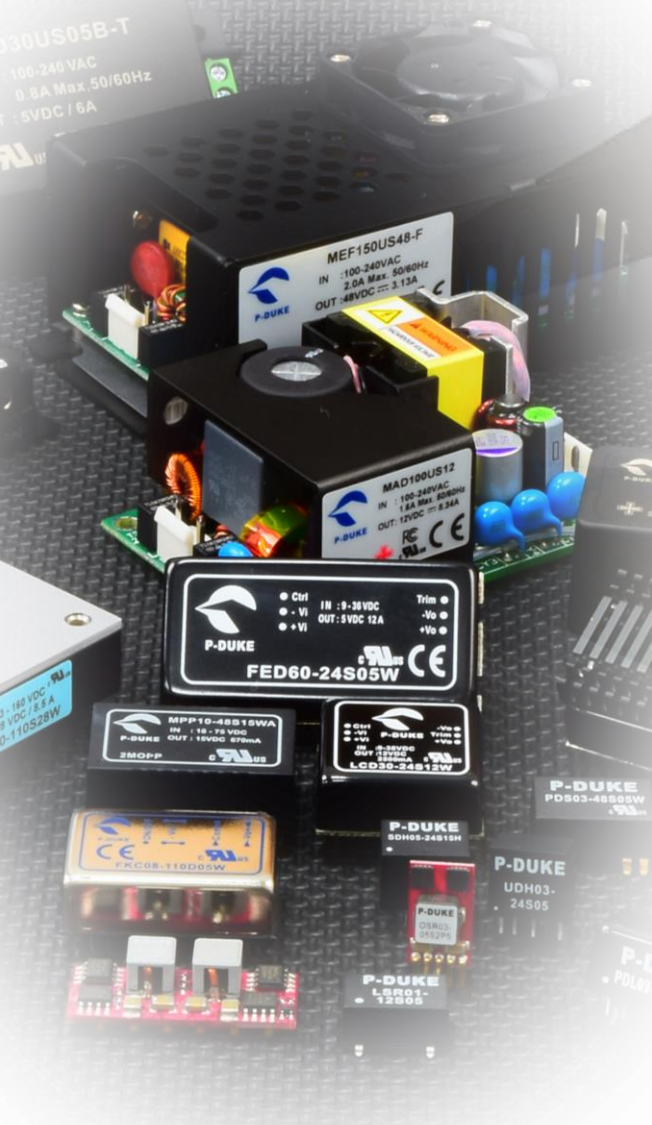
P-DUKE
POWER



PRODUCT LINE



P-DUKE Power Supply Overview



AC-DC POWER SUPPLY

OPEN FRAME
ENCLOSED
U-CHASSIS
DIN-RAIL
DIP TYPE

Industrial Application —

15W to 450W

Medical Application —

15W to 450W

DC-DC CONVERTER

ISOLATED

Low Profile —

1W to 9W

DIP 24 —

3W to 15W

1" x 1" —

10W to 30W

1.6" x 1" & 2" x 1" —

5W to 60W

2" x 1.6" & 2" x 2" —

15W to 60W

1/4 Brick —

100W to 150W

1/2 Brick —

75W to 255W

Others —

15W to 300W

NON-ISOLATED

-1A, 1 to 30A Output Current

AC-DC

U-chassis
40-100W



Enclosed
40-100W



Enclosed
450W
with Fan



Open Frame
40-100W



DIP
15-30W
Open Frame

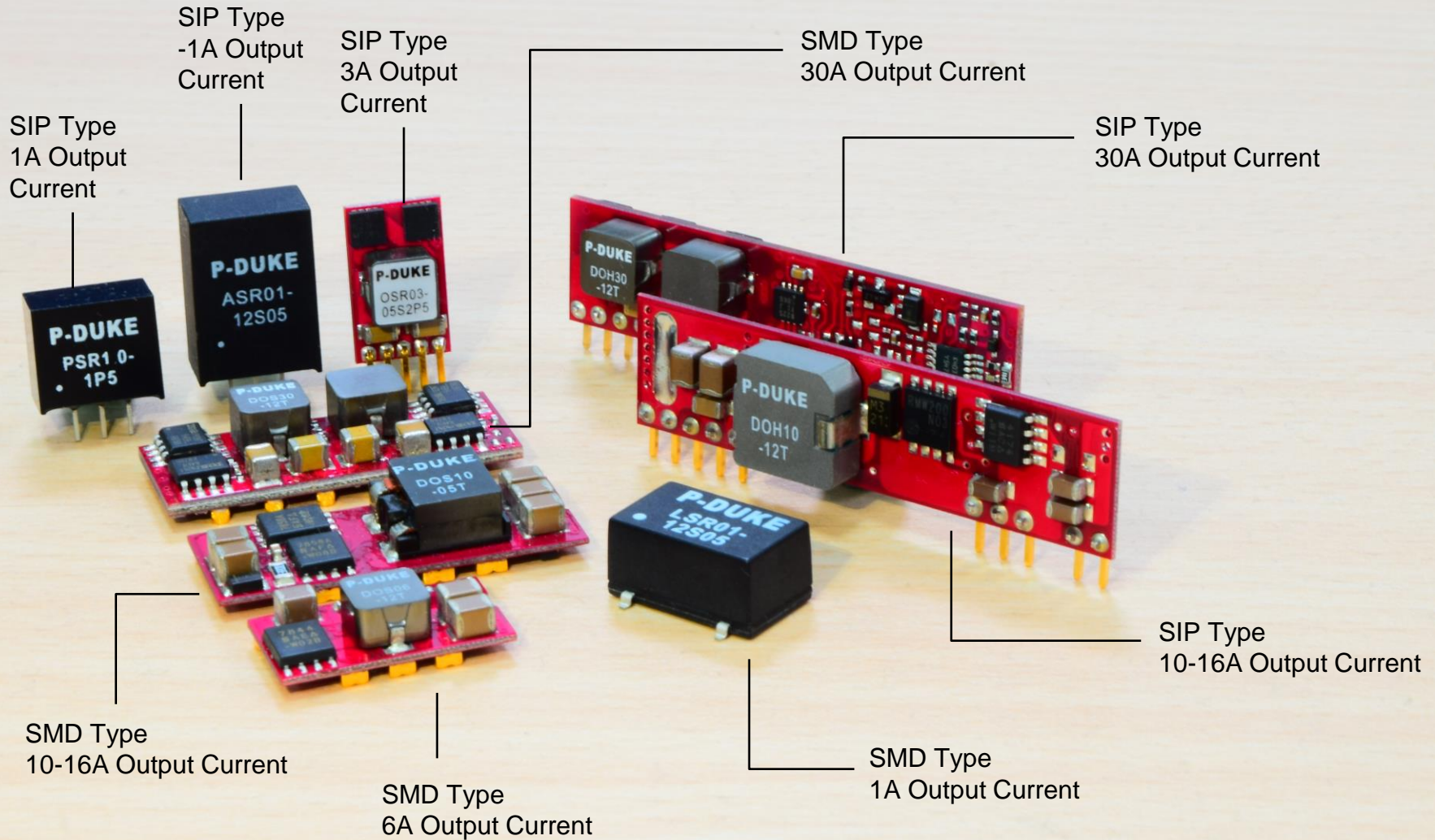
DIP
15-30W
with Potting



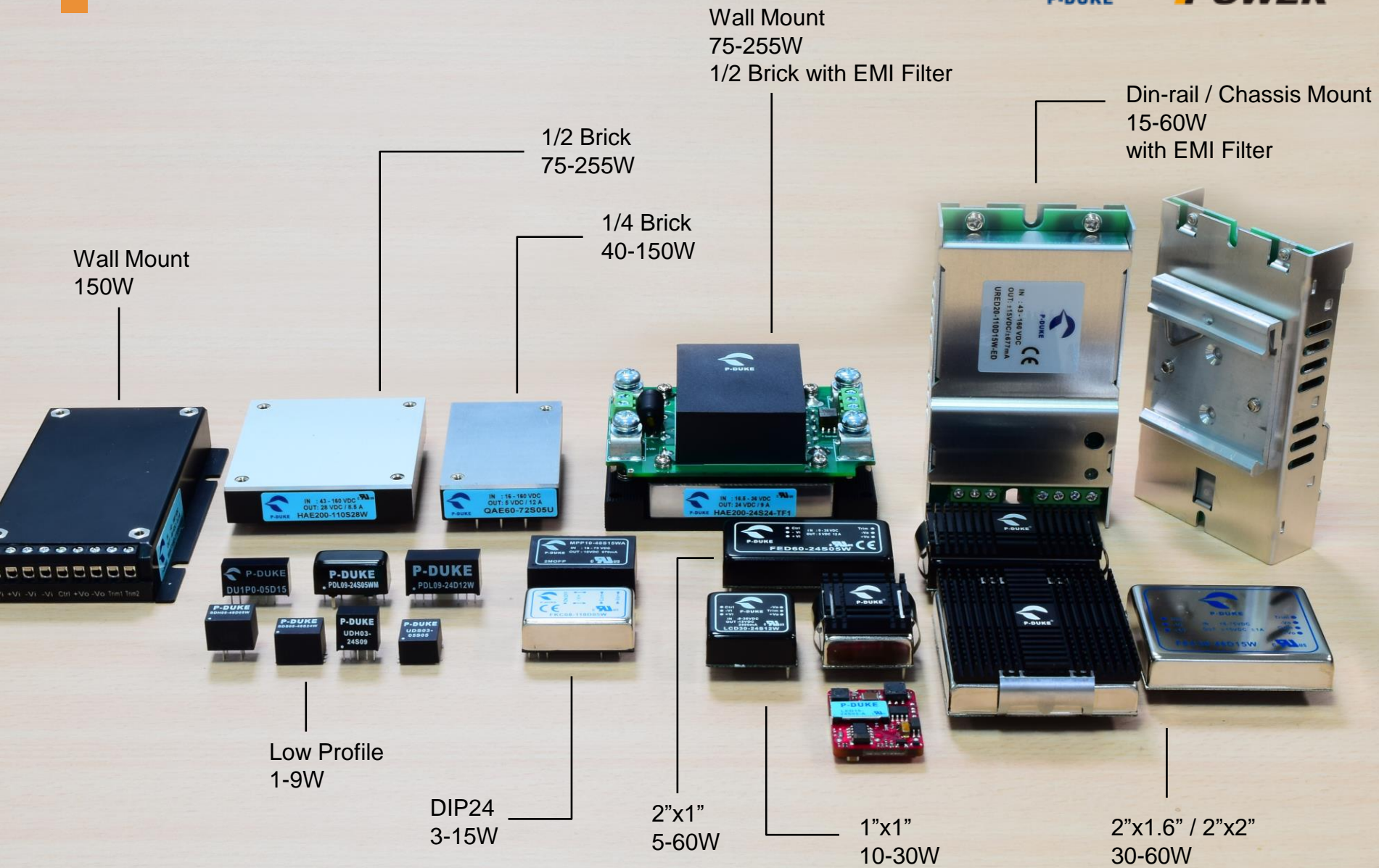
Enclose
150W
with Fan



Non-isolated DC-DC



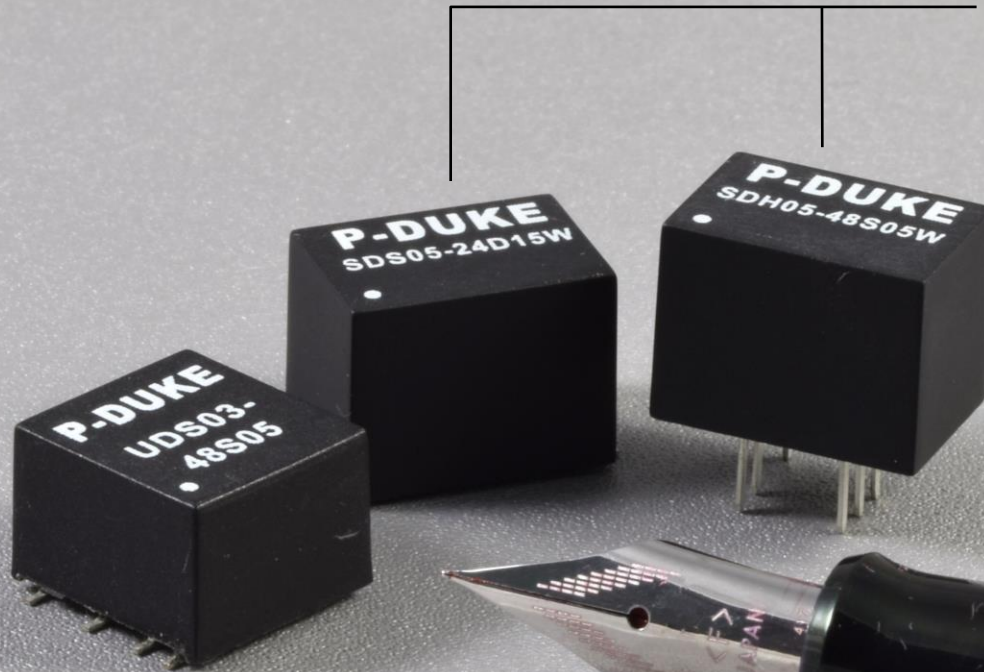
Isolated DC-DC



Product **Advantages**

Minimize Package

Regulated, Isolated, DC-DC Converter



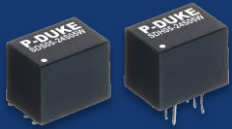
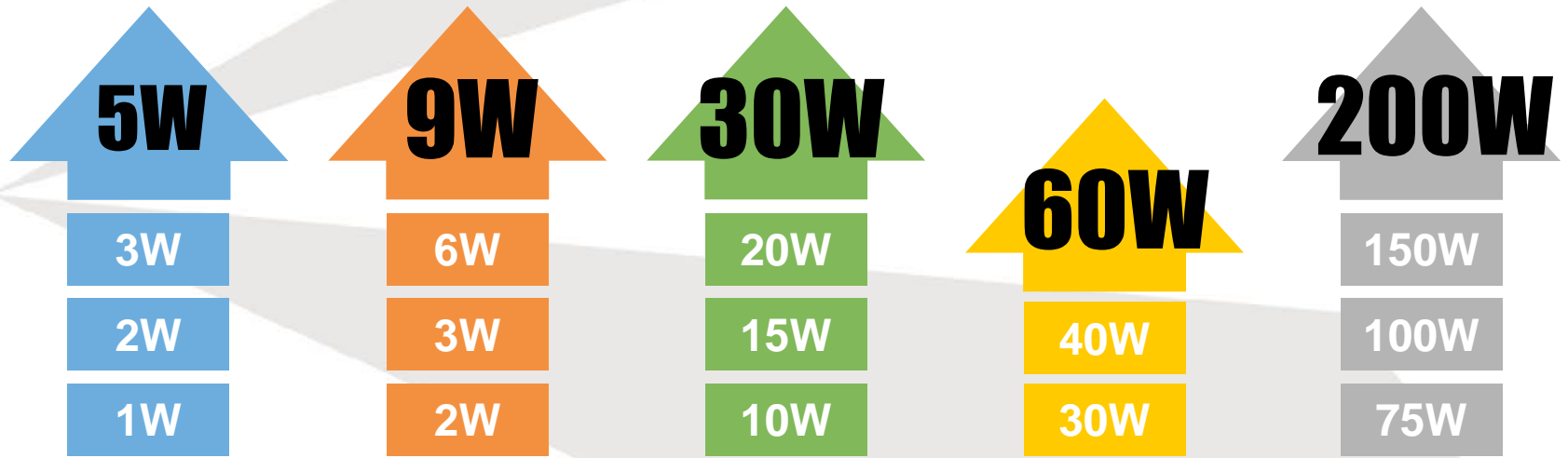
SDS / SDH series

- 1, 2, 3, 5 Watts Output Power
- 2:1 & 4:1 Input Range
- Compact SMD & DIP Package
- Up to 3kVDC Isolation Volt.

UDS / UDH series

- 1, 2, 3 Watts Output Power
- 2:1 Input Range
- Compact SMD & SIP Package

Upgrade Easily



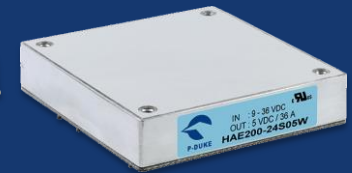
Small Package



1" x 1"



2" x 1"



Half-Brick Type

Minimize Output Ripple



LDL03
LDL03W

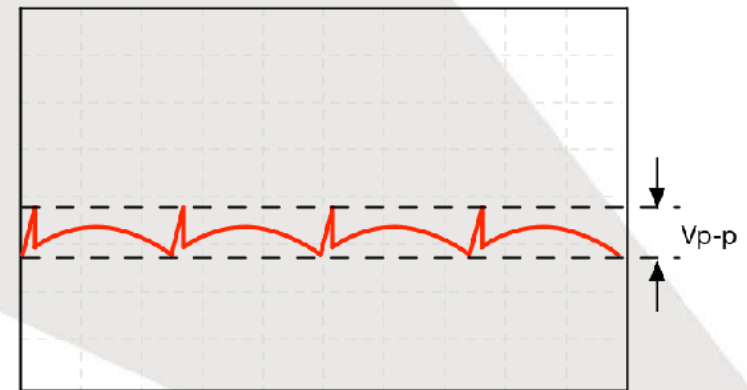
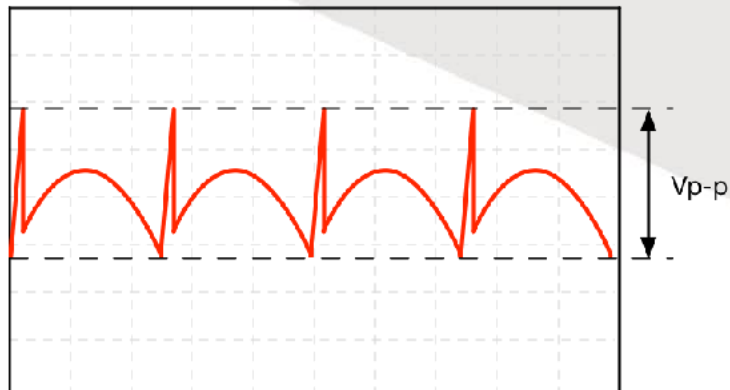
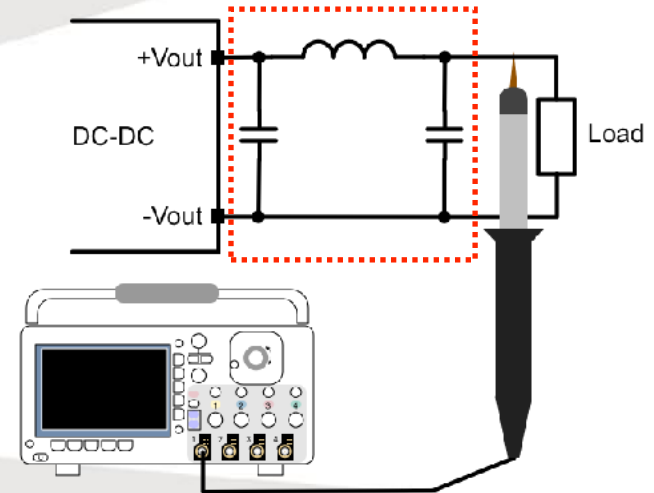
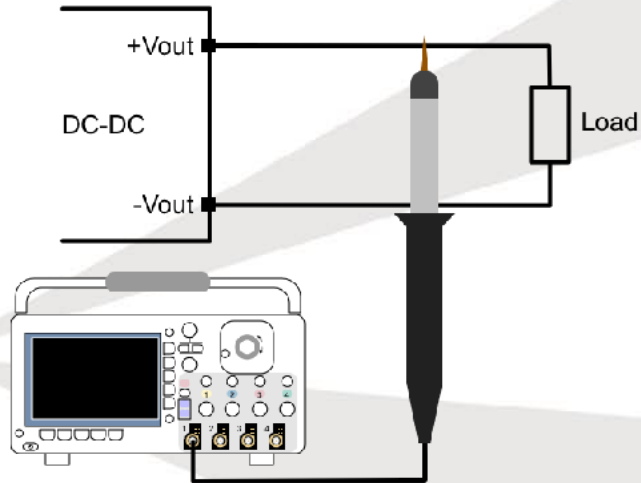


LKC05W



Product Line

Minimize Output Ripple



Railway Solutions

Railway Solutions

20, 40Watts
Wall Mount/ Din-rail



300 Watts
Wall Mount with EMI Filter



150 Watts
Wall Mount



40-255 Watts
Brick Type



3-40 Watts
Through Hole Type

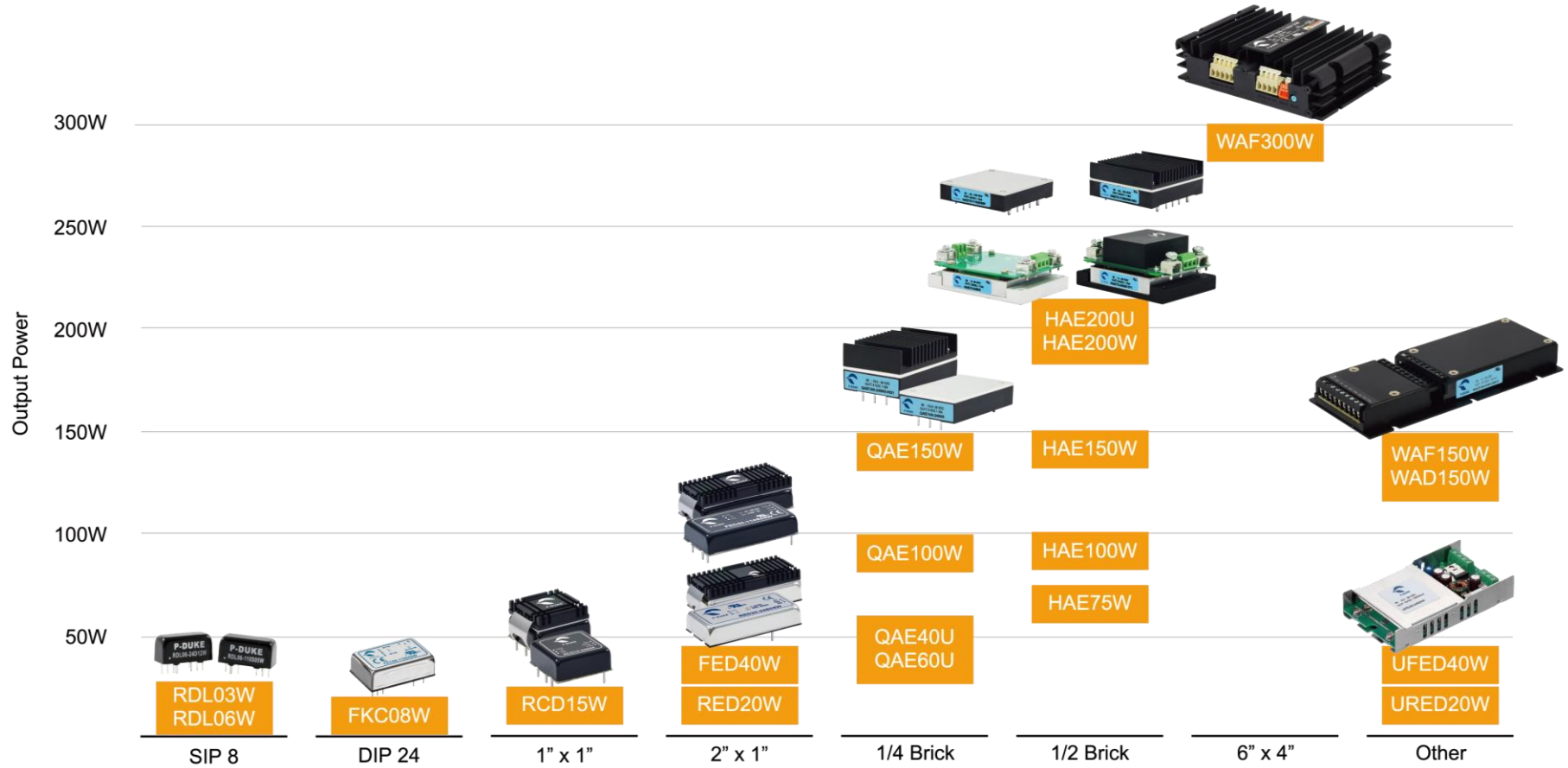


Total Solution -
RAILWAY APPLICATIONS
 AC/DC Power Supplies | DC/DC Converters

3 - 300 Watts

EN 50155
 EN 45545-2
 Certified

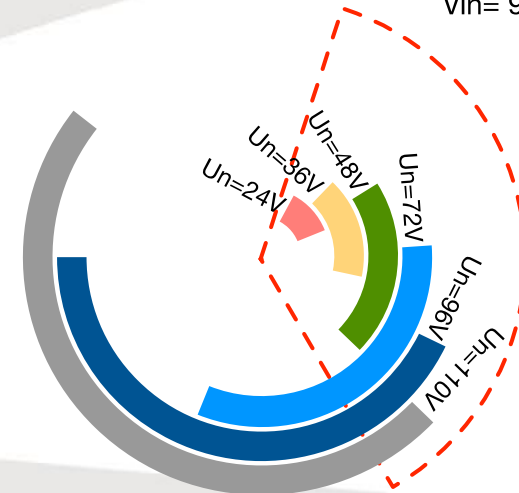
Variety
 Package
 Size



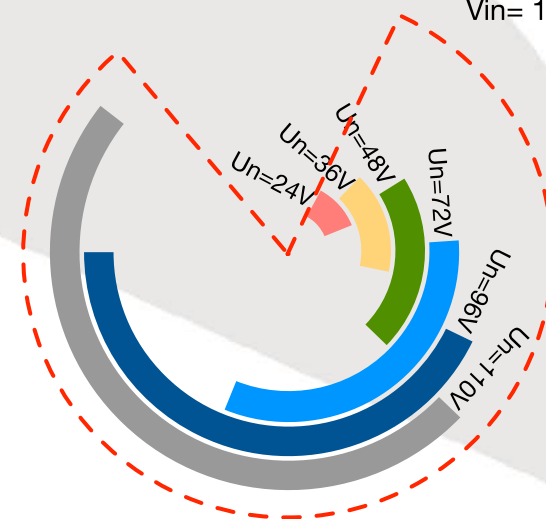
Railway Solutions

Part No.	Input Range	Battery System U_n	Brownout $0.6 \times U_n$	Transient $1.4 \times U_n$
___-24xxxW	9-36V	24V	14.4V	33.6V
___-48xxxW	18-75V	36V	21.6V	50.4V
___-48xxxW	18-75V	48V	28.8V	67.2V
___-110xxxW	43-160V	72V	43.2V	100.8V
___-110xxxW	43-160V	96V	57.6V	134.4V
___-110xxxW	43-160V	110V	66V	154V
___-72xxxU	16-160V	24, 36, 48, 72, 96, 110V	14.4	154V

36xxxU
 $V_{in} = 9-75VDC$



72xxxU
 $V_{in} = 14-160VDC$

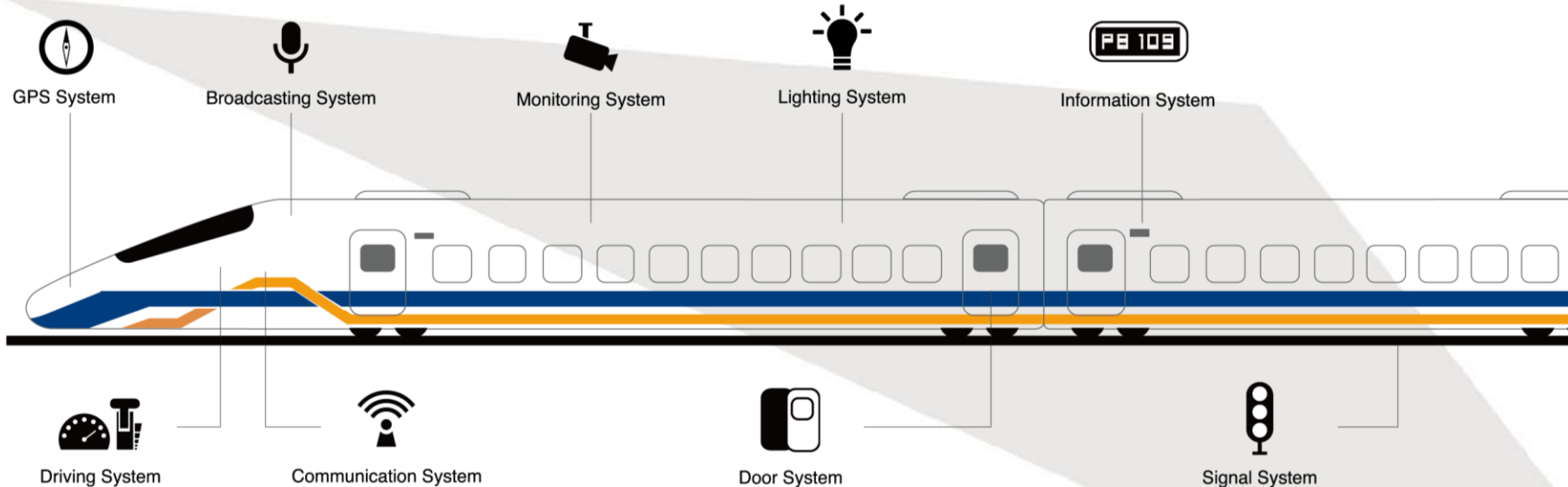


Railway Solutions



P-DUKE's railway applications DC/DC converters all have been approved by the following safety and standards.

IEC/ UL/ EN 60950-1, 62368 Information Technology Equipment Safety
EN 50155 Electronic Equipment Used on Rolling Stock
EN45545-2 Fire Testing to Railway Components



Product Line

Medical Solutions

Medical Solutions

AC/DC
40-450 Watts
Open/ Enclosure Type

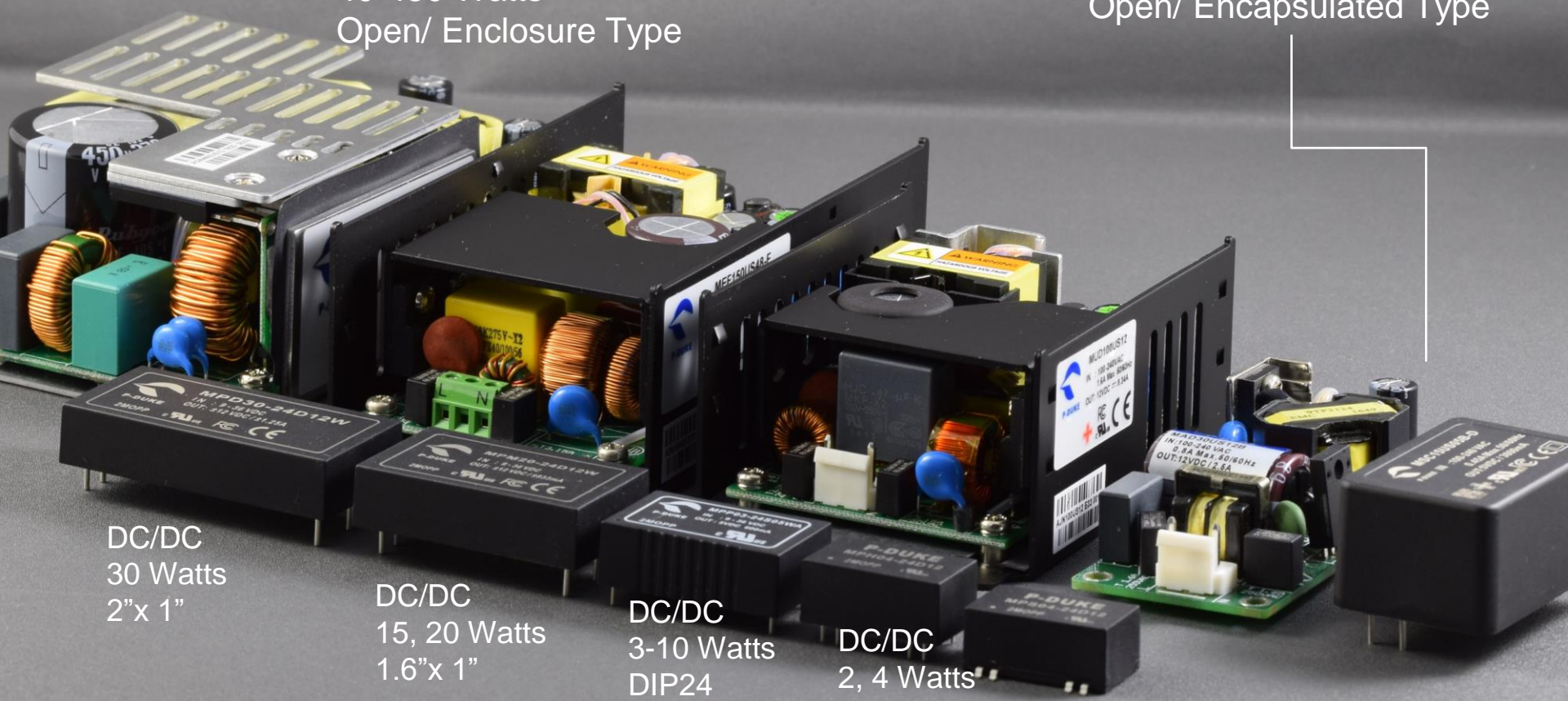
AC/DC
15-30 Watts
Open/ Encapsulated Type

DC/DC
30 Watts
2"x 1"

DC/DC
15, 20 Watts
1.6"x 1"

DC/DC
3-10 Watts
DIP24

DC/DC
2, 4 Watts
SMD16/ DIP16



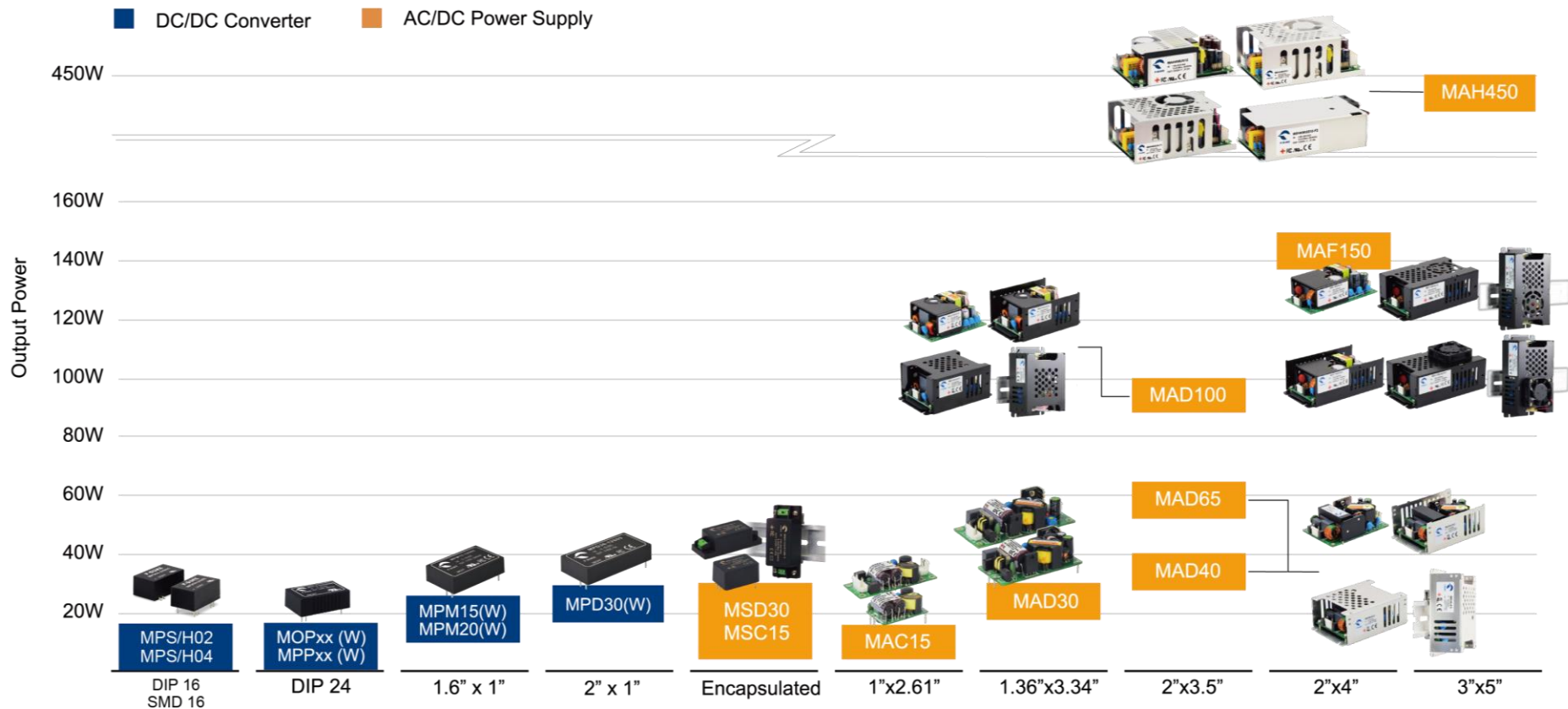
Total Solution -
MEDICAL APPLICATIONS
 AC/DC Power Supplies | DC/DC Converters

AC/DC
 15-450 Watts

DC/DC
 2-30 Watts

IEC60601-1
 Certificated

Variety
 Package
 Size



Medical Solutions

Medical Equipments



Diagnostic
Equipment



Medical
Monitoring
Equipment



Home Patient
Care Equipment



Dental
Equipment



Surgical
Equipment

Medical Solutions



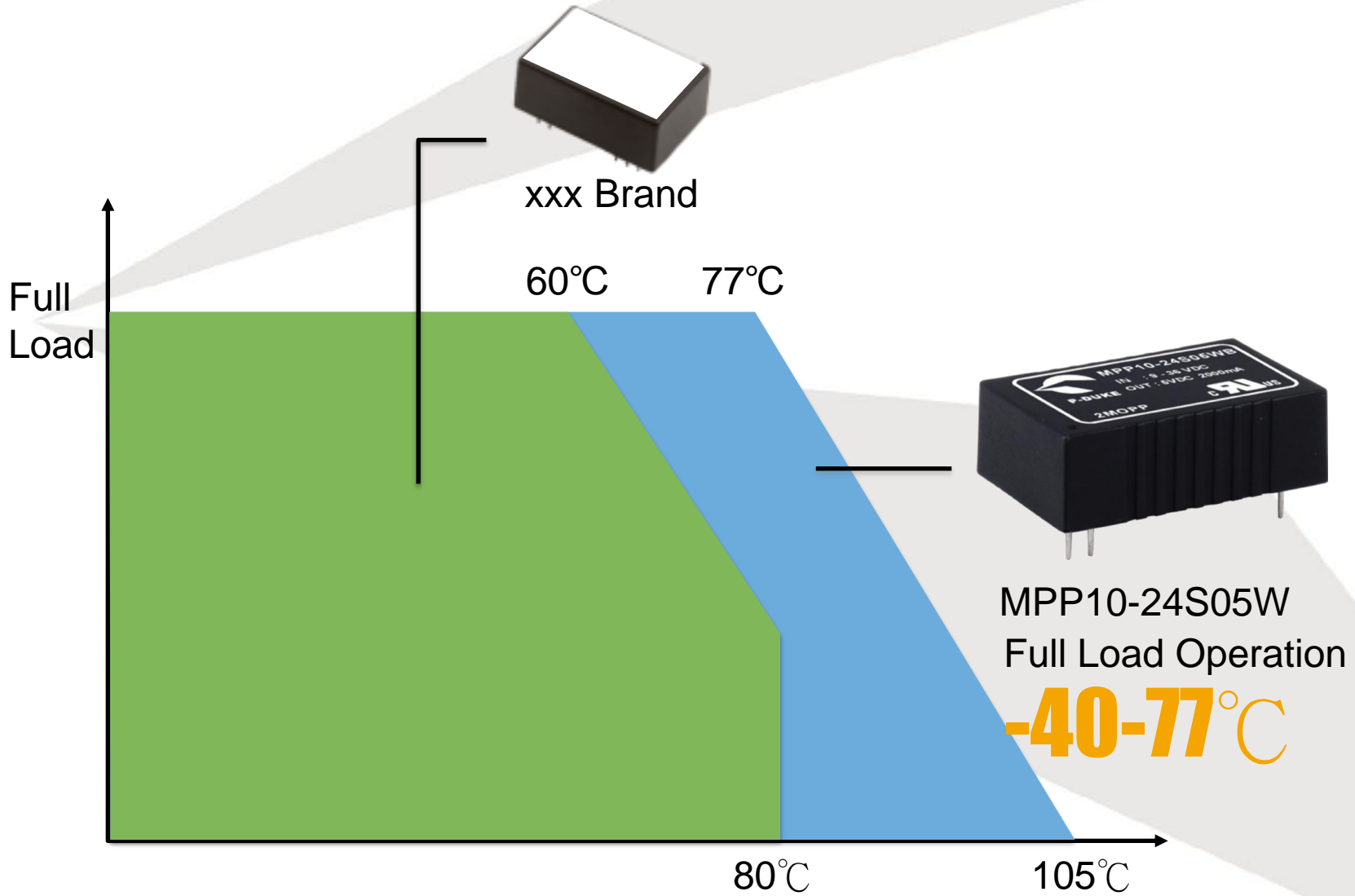
MOP / MPP Series 4.5-9V, 9-18V, 18-36V, 36-75V
9-36V, 18-75V



XXX Brand
4.5-9V, 9-18V, 18-36V



Medical Solutions



Medical Solutions



P-DUKE

Efficiency Up To

94%



92%



93.5%



92%

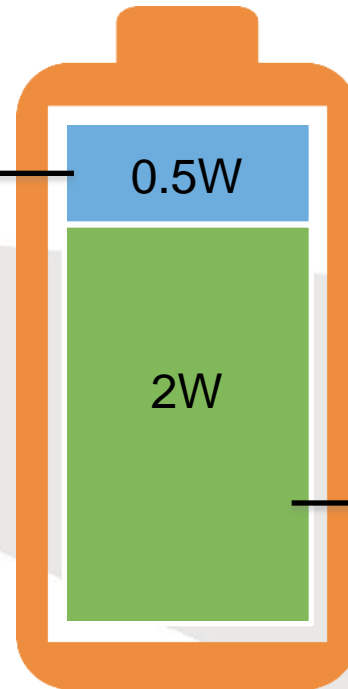
Product Line

Medical Solutions

P-DUKE



Low Standby Power
500mW



Medical Solutions



P-DUKE

Low Leakage

100µA

0.5mA

3.5mA

150µA



Product Line

We Have...

1 Lower Power Consumption

High transition efficiency of power module bring you benefits of low standby power and good performance of derating.

2 Wide Input Range

We have 2:1 and 4:1 ratio of input range in order to satisfy each requirement from our customers.

3 Customize

If our standard products cannot meet the requirement, we can customize a new product or modify from standard product so that could be meet required specifications.

4 Service

We have met the certification of ISO13485, quality control system of medical product. And we also have experienced engineers for serving our customers and solve their problems as quick as possible.

Q&A



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