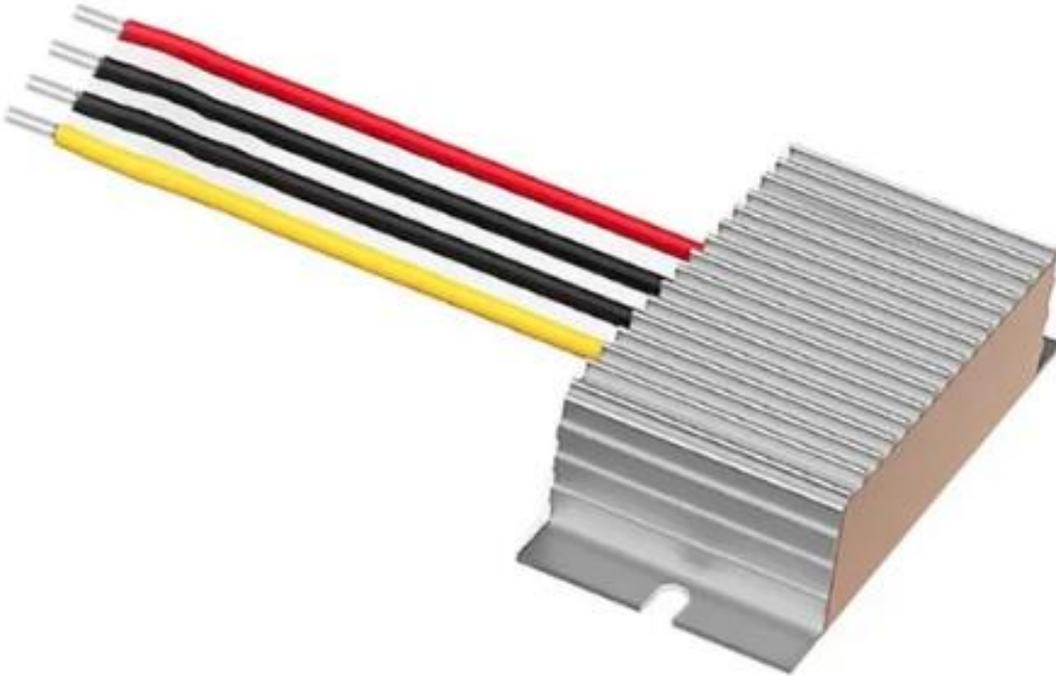


# D25D60K2412

## 15-36VDC Input to 12VDC 3-5A Output Converter



- Ideal for adding an additional 12VDC 3-5A feed to a wide range of Dycon 24VDC power supplies
- Removes the need for two separate 12 & 24VDC power supplies
- Just 4 wires to connect makes it a quick, easy-to-install solution
- The wide 15-36VDC input makes it suitable for numerous different applications
- 12VDC 3A output, (5A peak for several minutes)
- Tough aluminium housing

Dycon D25D60K2412 is a high-efficiency, voltage converter that allows standard Dycon 24VDC power supplies, including battery-charging models, to provide an additional 12VDC feed to drive other 12VDC devices in the same installation, this simple solution removes the need to have two separate power supplies, one 12VDC and the other 24VDC. The D25D60K2412 also removes the need to have separate battery to back-up the 12VDC device as it uses the already-connected 2 x 12VDC batteries supporting the 24VDC operation, and provides additional full 12VDC back-up and fault indications. Installation is simple, the 15-36VDC input uses the yellow and black cables and the red and black cables provide the 12VDC output, no additional programming or adjustment is required.

# D25D60K2412

Converts 15-36VDC Inputs to 12VDC 3-5A Outputs

## Specifications

Part Number	D25D60K2412
Voltage Input	15VDC-36VDC
Output Voltage	12VDC
Maximum Output Current at Full Load	3A, with a peak output of 5A for several minutes
Efficiency @ Full Load	>95%
Operating Temperature Range	-10°C to +70°C
Humidity	95% non-condensing
Case material	Aluminium
Size (h x w x d)	52mm x 25mm x 15mm
Weight	35gm
Fixing holes for M3 slotted screws	48mm between centres

## Compatible Dycon 24VDC PSU's

Part No.	Type	Description	Battery Charging
D2401	24VDC 1A	General Purpose	NO
D2402	24VDC 2A	General Purpose	NO
D2403	24VDC 3A	General Purpose	NO
D2412	24VDC 2A	General Purpose	YES
D2413	24VDC 3A	General Purpose	YES
D2431	24VDC 1.5A	EN54-4 Compatible 1.5A Unit	YES
D2431-G2-G3	24VDC 1.5A	EN50131-Grades 1,2, 3 & 4 Compatible Module	YES
D2433-7	24VDC 3A	EN54-4 Compatible 3A Unit	YES
D2433-17	24VDC 3A	EN54-4 Compatible 3A Unit	YES
D2433-G1-4-P	24VDC 3A	EN50131-Grades 2 & 3 Compatible Module	YES
D2435	24VDC 5A	EN54-4 Compatible 3A Unit	YES
D2435-M-MS1	24VDC 5A	'Intelligent' 5A Unit	YES
D2441	24VDC 1A	'Smart' 1A Unit	YES
D2443	24VDC 3A	'Smart' 3A Unit	YES
D2445	24VDC 5A	'Smart' 5A Unit	YES
SC35-24	24VDC 1.25A	Economy Range Module	YES
SC-60-24	24VDC 2A	Economy Range Module	YES
SC-120-24	24VDC 4A	Economy Range Module	YES
DR-60-24	24VDC 2.5A	Module With Integrated DIN-Rail mount	NO
DR75-24	24VDC 3.2A	Module With Integrated DIN-Rail mount	NO
MS-60-24	24VDC 2.5A	Compact Economy Range Module	NO
HS600-24	24VDC 25A	High-Power, Fan-Cooled Module	NO

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### For more information about the Dycon products:

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### Or to discuss your specific needs:

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Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products, engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

D25D60K2412 data sheet 07062024v03