



Buck Converter

DC-2412 Series



DC2412-10A
DC2412-15A



DC2412-20A



DC2412-30A
DC2412-40A



Features

- Microcontroller Integrated
- High Efficient Conversion
- LED Indicators for Converter States
- Aluminum Housing
- Multiple Safety Protections:
Input Polarity Reverse / Output Polarity Reverse / Short Circuit / Overheat / Overload
- Intelligent Temp & Load Cooling Fan *
- 100% Made in Taiwan
- Widely Used in Automotive, Surveillance systems, Telecommunications, Railway Signals, Medical Equipment, Instruments and Meters.

| Model | DC-10A | DC-15A | DC-20A | DC-30A | DC-40A |
|------------------------------------|-----------------|-----------------|------------------|--------------------------|------------|
| System | | | | | |
| Continuous Power | 10A | 15A | 20A | 30A | 40A |
| Max Power | 15A | 20A | 30A | 40A | 50A |
| Output Voltage | 12~13.8V | | | | |
| Standby Current (Normal) | < 0.02A | | < 0.04A | | |
| Input Voltage | 20~30V | | | | |
| Efficiency | > 90% | | | > 80% | |
| Protection | | | | | |
| Input Polarity Reverse Protection | By Diode | | | | |
| Output Polarity Reverse Protection | By Circuit | | | | |
| Output Short Circuit Protection | YES | | | | |
| Output Overheat Protection | By Circuit | | | Auto-Restart After 5mins | |
| Output Overload Protection | By Circuit | | | | |
| Cooling | Air Convection | | Intelligent Fan | | |
| Mechanical | | | | | |
| Fuse | 10A x 1PCS | 15A x 1PCS | 20A x 1PCS | 25A x 1PCS | 30A x 1PCS |
| Dimension (L x W x H) | 70 x 73 x 45 mm | 71 x 73 x 73 mm | 120 x 73 x 73 mm | 180 x 73 x 73mm | |
| Net Weight | 0.26 kg | 0.33 kg | 0.6 kg | 0.72 kg | |