



Buck Converter

DC-48 Series



DC4812-5A
DC4824-5A



DC4812-10A
DC4812-15A



DC4824-10A



DC4824-15A



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	DC4812-5A	DC4812-10A	DC4812-15A	DC4824-5A	DC4824-10A	DC4824-15A
System						
Continuous Power	5A	10A	15A	5A	10A	15A
Max Power	10A	15A	18A	7A	13A	20A
Output Voltage	12~13.8V			24~27.6V		
Standby Current (Normal)	< 0.03A		< 0.04A	< 0.03A	< 0.06A	< 0.3A
Input Voltage	40~60V					
Efficiency	> 90%					
Protection						
Input Polarity Reverse Prot.	By Diode					
Output Polarity Reverse Prot.	By Circuit					
Output Short Circuit Protection	Yes					
Output Overheat Protection	By Circuit					
Output Overload Protection	By Circuit					
Cooling	Air Convection	Intelligent Fan		Air Convection	Intelligent Fan	
Mechanical						
Fuse	5A x 1PCS	10A x 1PCS	15A x 1PCS	5A x 1PCS	10A x 1PCS	15A x 1PCS
Dimension (L x W x H) mm	70 x 73 x 45	71 x 73 x 73	71 x 73 x 73	70 x 73 x 45	120 x 73 x 73	180 x 73 x 73
Net Weight	0.26 kg	0.33 kg	0.33 kg	0.26 kg	0.6 kg	0.72 kg
Remark: * Available in models with fan						