



Rail-Proven DC/DC Converters

6W-40W Ultra-Rugged Power Solutions

91%

Efficiency



Key Features



4:1 Ultra-Wide Input (40-160VDC)



-40° C to +85° C Operation with Cold Start



91% Peak Efficiency (Reduce Thermal Stress)



Meet EN50155 & EN61000-4 Certified



Full Protections: UVLO/SCP/OVP/OTP



Series	Power (W)	Input Voltage Range(VDC)	Output Voltage(VDC)	Isolation(VDC)	Vin Range	Package	Efficiency
ATA1D_YMD-6WR3	6	110 (40-160)	±5,±12,±15	2250	4:1	DIP1"x1"	86% Typ.
ATB1D_YMD-6WR3	6	110 (40-160)	5,12,15,24	2250	4:1	DIP1"x1"	86% Typ.
ATB1D_LD-20WR3	20	110 (40-160)	3.3,5,12,15,24	2250	4:1	DIP2"x1"	87% Typ.
ATB1D_LMD-10WR3	10	110 (40-160)	3.3,5,12,15,24	2250	4:1	DIP2"x1"	85% Typ.
ATB1D_LMD-15WR3	15	110 (40-160)	3.3,5,12,15,24	2250	4:1	DIP2"x1"	86% Typ.
ATB1D_LMD-20WR3	20	110 (40-160)	3.3,5,12,15,24	2250	4:1	DIP2"x1"	87% Typ.
ATF1D_LD-40W(H)R3	40	110 (40-160)	3.3,5,12,15,24,48	3000	4:1	DIP2"x1"	91% Typ.
ATH1D_LD-20W(F/H)R3	20	110 (40-160)	3.3,5,12,15,24,28,48,54	6000	4:1	DIP2"x1"	86% Typ.

AMCHARD

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