

UNION (KOREAN) WATERPROOF SERIES



S.M.P.S

LED Converter

Water Proof Converter

IP68    SELV LPS CB CE 

FEATURES :

- » Constant Voltage Design(C.V. mode)
- » AC Input voltage 180-264V
- » Protections: Over load/Short circuit
- » IP 68 design for outdoor installations
- » 100% full load burn-in test
- » Suitable for LED lighting and moving sign applications
- » Plastic case: 100-150W / Metal Case: 200-400W
- » 3 Years Warranty.

TECHNICAL DETAIL :

- » DC adjustment range : Fixed can be modified within
- » +5% rated output voltage (but do not use over the rated Power)
- » Over load protection : over 110% of rating, auto-recovery
- » Withstand voltage : I/P-O/P:AC3KV, I/P-F.G:AC1.5KV, O/P-F.G:AC0.5KV
- » Isolation resistance : I/P-O/P, I/P-F.G, O/P-F.G:DC500V 100Mohms(At room temp. & humid.)
- » Working Temp.&Humid. : -40~+70°C (Refer to "DERATING CURVE"), 20~95%RH
- » Safety standards :
EN61347-1, EN61347-2-13 / K61347-1,
K61347-2-13
- » EMC standards : EN55022, EN61204-3,
EN61000-3-2, 3 / K00015, K61547

Technical Specification

Model No:	Output Voltage:	Max. Power to use	Output Rating :	Dimension (mm)	Efficiency
UP100S12W2L	12V	100W	8.3A(7.1A@50°C)	192*34.5*22	92%
UP150S12W2L	12V	150W	11.5A(10A@50°C)	170.5*42*35	92%
UP200S12W2L	12V	180W	15A(13.3A@50°C)	173*55*37	92%
UP300S12W2L	12V	258W	21.5A(18.8A@50°C)	192.3*61.5*37	92%
UP400S12W2L	12V	360W	30A(25A@50°C)	222*74*52	92%

■ BLOCK DIAGRAM

