



*Innovative Electronics for a changing world*

Manual

DC SMART RM – DC-DC Converter for WISPS

Models: **DC SMART RM**



The **DC-Smart RM** DC to DC Converter is part of our WISP range of products to make power distribution at different voltage levels at Wi-Fi High sites easy from backup battery sets.

The unit is housed in a 19" rack mount enclosure with **internal fans** to circulate air through the enclosure.

Easy connections on the front panel and all inputs and outputs fused via panel mount standard ATO Blade fuses (automotive Blade fuse).

Led indication to indicate power present at all outputs.

**The system can house up to 2 x Boost converters and 1 x Step down converter**

The DC SMART RM can be ordered with 1 DC to DC boost converter (OUT A) only, or with 2 DC to DC boost converters( OUT A and OUT B) and the user can also add the constant voltage step down as the 3<sup>rd</sup> output (OUT C)

**We can manufacture any custom unit with customer specified input and output volatges – Please contact us for special versions of this product**

**See table on next page for standard models:**

**12VDC Input standard models :**

ORDERING CODE	INPUT	OUT A	OUT B	
RM 12-24	12VDC	24V@180W		
RM 12-24-24	12VDC	24V@180W	24V@180W	
RM 12-24-48	12VDC	24V@180W	48V@180W	
RM 12-48-48	12VDC	48V@180W	48V@180W	

**24VDC Input standard models :**

ORDERING CODE	INPUT	OUT A	OUT B	OUT C	
RM 24-48	24VDC	48V@250W			
RM 24-48-22	24VDC	48V@250W		22VDC@120W	
RM 24-56	24VDC	56V@230W			
RM 24-56-22	24VDC	56V@230W		22VDC@120W	
RM 24-48-48	24VDC	48V@250W	48V@250W		
RM 24-48-48-22	24VDC	48V@250W	48V@250W	22VDC@120W	
RM 24-48-56	24VDC	48V@250W	56V@230W		
RM 24-48-56-22	24VDC	48V@250W	56V@230W	22VDC@120W	
RM 24-56-56	24VDC	56V@230W	56V@230W		
RM 24-56-56-22	24VDC	56V@230W	56V@230W	22VDC@120W	

Dimensions: (L) 480mm x (W)115mm x (H) 45mm

Weight with single DC-DC boost converter: 1.6Kg

Weight with dual DC-DC boost converter: 2.4Kg

Weight with Step down converter: 2.5kg