

Technical Description:

		Min	Max
Input voltage range	Vdc	18	30
Output voltage	Vdc	13.8	
Output Ripple	mV p-p	85	
Max output current* I_{out}	A	-	10
Max output power	W	138	
Key in current draw	mA@24V		4
Key out current ** $I_{key,out}$	A	-	1.5
Efficiency	%	95	97
Thermal shutdown	YES		
Overcurrent/Short protection	YES		
Polarity reversal protection	YES (EXT FUSE)		
Over-Under Voltage	YES (EXT FUSE)		
Operating Temperature	°C	-10...+80	
Dimensions	mm	75x25x55	
Weight	g	300	

* Do not exceed the maximum current draw:

$$I_{perm,out} + I_{key,out} < 10A$$

** Key out pin is open collector type

The harness allows to connect:

- YELLOW/RED: 24Vdc input (24V Permanent)
- BLUE: 24V input ignition key (24V Key in)
- YELLOW: 12Vdc output (12V Permanent)
- RED: 12V output key (12V Key out)



Kram Telecom A/S will reserve to make technical changes to the device without notice.

All installation work must be performed by a qualified professional installer only. The manufacturer / dealer is not liable for any kind of incidental or indirect damages.