



Specialists in Electrical Power Generation
& Battery Management Systems

ADVERC OSCA-P 24v-24v 12A. DC-DC 24v BATTERY CHARGER.

OSCA-P: DC-DC battery charger with an excellent track record and which has been adopted by many of the leading OEM's and the MOD.

No mains power is required. The 'recipient' battery takes its charge from the 'host' or 'donor' battery, when it is being charged from another source. The donor battery is protected from going flat and the recipient battery cannot be overcharged.

OSCA-P units are suitable for most applications, including Marine, Ambulances and RRV's.



FEATURES

- Over 90% efficient
- High temperature protection
- Overload protection
- Fast charging with float facility
- Compact Design
- Rugged
- Short circuit protection
- Easy to fit, c/w fuse box and wiring harness

SPECIFICATIONS

Parameter	Conditions	Value
Output Voltage (V-out)		28.0V ± 0.1V
Typical Output (Charging) Current	PVin = 26V	12A
Power Input Voltage (PVin)		18V to 28V
Control Input Voltage (CVin)	Charger Enabled	>26.5V
	Charger Disabled	<25.5V
Control Input Current		50µA
Battery Current Drain	Charger Disabled	250µA
Overload Protection		Yes
Thermal shutdown		Yes
Polarity Protection	External Fuses	Input = 15A Output = 15A
Connections	Flying leads	Red = Positive Input Black = Negative Input, Output and Control Blue = Positive Output Pink = Positive Control
Physical Dimensions		215 x 71 x 55mm
Mountings		4 x Ø 4.5mm Holes
Hole Centres		198 x 40mm

Note: If the input voltage is more than 28.5v the output voltage will rise above 28v and the battery could overcharge.

ADVERC BM Ltd., 245 Trysull Road, Merry Hill, Wolverhampton, West Midlands WV3 7LG
Tel: 01902 380494 Fax: 01902 380435 e-mail: techsales@adverc.co.uk www.adverc.co.uk

Registered in England No. 1932971 VAT Registered No. 431 3431 93