

MILLENNIUM POWER SYSTEMS

MPS-Power.com (877) 645-5797

DC-DC CONVERTER/ BATTERY CHARGER

FORCED AIR OR BASE PLATE COOLED

1500W OUTPUT POWER

Part Number
70DC02850

CONVERTER/CHARGER
70Vdc INPUT
28VdcOUTPUT



13 x 6 x 3

Features

- 35-75Vdc input range
- 20-50Vdc output range
- High Efficiency
- Custom I/O connectors
- Custom charge profile

Applicable Specifications

- IP67
- MIL-S-901
- MIL-STD-167
- MIL-STD-810

Specifications (-40 to +85°C baseplate temperature)

SYM.	DESCRIPTION	VALUE	TOL.	NOTE (STD)
V _{in}	unregulated input voltage	70	+5-50%	normal
V _o	output voltage	28.0	nominal	(bat voltage)
I _{dc}	max DC output current	50	min	
η	efficiency	95%	typ	>20% I _{dc}
α	combined line/load regulation	1%	max	0-100% I _{dc}
MTBF	MIL-HDBK-217F	100k hrs	min	Ns
DWV	isolation to case	1500Vdc	min	-
Wt	weight (pounds)	10.0	max	-