



CPS-EC1500 DIN-Rail Battery Charger & Industrial Precision Power

- C/V precisely adjustable
- Boost Charge Mode
- Current Monitor Imon
- Perfect C/V chart with no Foldback
- Power Good Relay AC & DC
- Remote Shutdown
- Inhibit (Interlock) Function
- Sense

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Model CPS-EC1500

Model	CPS-EC1500									
Power	1500W									
Nominal AC Input	230Vac									
Input Range AC	186..265Vac									
Input Range DC	250... 375Vdc									
Input Frequency	47... 63Hz									
Hold-Up Time	20ms									
Inrush Current	Electronic Inrush Current Limiter 9,8Arms									
Autostart	Soft start 100ms									
Output Voltage	24V	36V	48V	60V	72V	110V	150V	220V	400V	
Output Current	62,5A	41,7A	31,2A	25A	20,8A	13,6A	10A	6,8A	4,6A	
DC Voltage Setting	24-30V	36-45V	48-58V	60-75V	72-90V	110-137,5V	132-180V	220-264V	330-400V	
DC Current Setting	31,3-62,5A	20,9-41,7A	15,6-31,2A	12,5-25A	10,4-20,8A	6,8-13,6A	5-10A	3,4-6,8A	2,3-4,6A	
Ripple & Noise PP	40mV	40mV	120mV	150mV	200mV	300mV	400mV	400mV	400mV	
Load Regulation	±0,05% 0-100%									
Load Change	Response									
Efficiency	up to 94%									
Base load	non, continuous open circuit proof									
Short Circuit	Continuous Protection									
Ambient	-20°C... +70°C Operation Temperature									
Cooling	Controlled stepless fan from EBM Papst (Germany)									
Temp. Control	Yes									
Dimensions	(WxHxD) 250x156x114,5mm IP20									
Safety IEC	EN60950-1 EN50178 EN60204-1									
Safety Class 1(A)	VDE0100 VDE0805									
Isolation	3000Vac Input/Output									
Climatic Class	3k3, Humidity 95% non condensing									
EMI/EMS	EN55022B / EN61000-6-2,3									
EMS	EN61000-6-2,3									
MTBF / MTTF	400000h / 144006h (IEC61709)									
Power Good Relay	AC & DC low voltage detection, isolated									
Features	Current-Monitoring, External Shutdown, Inhibit (Interlock), Sense Compensation, Boost Charge Mode									
Options	Protective Coating, Baseplate cooler for hardmount, Protected Inhibit Module acc. with SIL03									