



CPS-EC480 480W DIN-Rail Battery Charger & Industrial Precision Power Supply

- C/V precisely adjustable
- Current Monitor I_{mon}
- Perfect C/V chart with no Foldback
- Power Good Relay AC & DC
- Remote Shutdown
- Inhibit (Interlock) Function
- Sense
- Natural Cooling

CPS-EC480

Model	CPS-EC480(R2)								
Power	480W								
Nominal AC Input	115/230Vac selector								
Input Range AC	90-115Vac/186-264Vac								
Input Range DC	250-375Vdc								
Input Frequency	47-63Hz								
Hold-Up Time	50ms								
Inrush Current	Electronic Inrush Current Limiter 9,8Arms								
Autostart	Soft start								
Output Voltage	24V	36V	48V	60V	72V	110V	150V	220V	300V
Output Current	20A	13,3A	10A	8A	6,7A	4,4A	3,2A	2,2A	1,6A
DC Voltage Setting	24-30V	36-45V	48-58V	60-75V	72-90V	110-137V	132-180V	220-264V	264-360V
DC Current Setting	10,0-21,0A	6,6-14,0A	5,0-10,5A	4,0-8,4A	3,4-7,0A	2,2-4,6A	1,6-3,3A	1,1-2,3A	0,8-1,7A
Ripple & Noise mVpp	40mV	40mV	100mV	150mV	200mV	300mV	400mV	400mV	400mV
Efficiency	up to 92%								
Base load	Idling-proof								
Short Circuit Protection	Continuous								
Cooling	natural cooling								
Dimensions (WxHxD)	200x130x115mm								
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1								
Input/Output Isolation	3000Vac								
EMI/EMS	EN55032 conducted class B / radiated classA, EN61000-6-3								
EMS	EN61000-6-2								
MTBF	400.000h								
Power Good Relay	Yes								
Remote Shutdwon	Yes								
Inhibit (Interlock)	Yes								
Current Monitoring	Yes								
Sense Compensation	Yes								