



HSE01201CC 120W Battery Charging Rectifier & Constant Current DC-Source

- Constant Current Battery Charger
- Ideal vertically C/V chart

HSE01201CC

Model	HSE01201CC		
Power	120W		
Nominal AC Input	115/230Vac select		
Input Range AC	90..115Vac/184..265Vac		
Input Range DC	110... 375Vdc		
Input Frequency	47... 63Hz		
Hold-Up Time	30ms		
Inrush Current Protection	NTC < 16A		
Autostart	Soft start		
Output Voltage	36,0V	42,0V	57,4V (other voltages upon request)
Nominal Output Current	3,0A	2,8A	2,0A
Adjust Range Vout	factory set current limiting		
Ripple & Noise mVpp	120mV		
Power Boost <=60°C/60s	-		
Stability at Load Switch	±0,5%		
Transient Time	< 1ms		
Efficiency	89%		
Basic load	Idling-proof		
Short Circuit Protection	Continuous		
Ambient Operation Temperature	-20°C... +70°C		
Cooling	Natural convection		
Temperature Monitoring	-		
Dimensions (WxHxD)	50x124x96mm		
IP-Range	IP20		
Safety IEC	EN60950-1 EN50178 EN60204-1		
Safety Class 1(A)	VDE0100 VDE0805		
Input to Output Isolation	3000Vac		
Climatic Class, Humidity	3k3, 90% non condensing		
EMI	EN55022B EN61000-3-2A		
EMS	EN61000-6-2,3		
MTBF IEC61709	589000h		
Power Good Relay	galvan. insulated 60Vdc		
Options	See datasheet		