TECHNICAL DATA SHEET

Cabur

XCSF120DP

Power supplies

PRODUCT PHOTO



General Information

Series	**COOL POWER**
Type	**CSF120DP**
HS code	**85044083**

Input Technical Data

Input rated voltage	**120–230 Vac**
Input voltage AC	**90…264 Vac**
Input voltage DC	**100…345 Vdc (derating Uin 0.65**
Internal protection fuse	**T 3.15 A**
External protection on AC line	**MT: C-4 A / Fuse: T 4 A**

Output Technical Data

Output adjustable range	**45…55 Vdc**
Continuous current	**2.5 A at 45°C**
Overload limiting	**8 A for >30 s**
Short circuit peak current	**7.5 A for 50 ms**
Ripple @ nominal ratings	**30 mVpp**
Hold up time	**16 ms (120 Vac) / 81 ms (230 Vac)**
Status indication	**LED "DC OK" / LED "Alarm"**
Alarm contact	**dry contact, max. 1A @ 24 Vdc (Uout >43.2 Vdc)**
Parallel connection	**possible**
Redundant parallel connection	**already fitted with internal ORing diode**

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Efficiency	**86% (120 Vac) / 90% (230 Vac)**
Dissipated power	**20 W (120 Vac) / 13 W (230 Vac)**
Operating temperature range	**–20…+60°C (derating -2.4 W >45°C)**
Safety Standard	**EN 62368-1, UL508**
EMC Standard	**EN 61000-3-2, EN 61000-3-3, EN 61000-4-11, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5,**
Overvoltage category / pollution degree	**II / 2**
Protection degree	**IP 20**
Connection terminal	**2.5 mm² / 2.5 mm²**
Housing material	**aluminium**
Dimensions (LxHxD)	**40x115x130 mm**

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