DeepCool PQ850 power supply unit 850 W 20+4 pin ATX ATX Black

Brand : DeepCool

Product code: R-PQ850M-FA0B-UK

Product name : PQ850

PQ850M, 120mm FDB, Hybrid Fanless Mode, 80 PLUS Gold, Modular, UK Plug
DeepCool PQ850. Total power: 850 W, AC input voltage: 100 - 240 V, AC input frequency: 50/60 Hz. Motherboard power connector: 20+4 pin ATX, Motherboard power cable length: 61 cm, SATA power cable length: 450 mm. Purpose: PC, Power supply unit (PSU) form factor: ATX, 80 PLUS certification: 80 PLUS Gold. Product colour: Black, Cooling type: Active, Fan diameter: 12 cm. Cables included: AC, CPU, PCIe, Peripheral (Molex), SATA

Power	
Total power *	850 W
AC input voltage *	100 - 240 V
AC input frequency	50/60 Hz
Input current	12 - 6 A
Power Factor Correction (PFC) type	Active
Combined power (+3.3V)	100 W
Combined power (+12V)	840 W
Combined power (+5V)	100 W
Combined power (-12V)	3.6 W
Combined power (+5Vsb)	15 W
Max output current (+3.3V)	20 A
Max output current (+12V)	70 A
Max output current (+5V)	20 A
Max output current (-12V)	0.3 A
Max output current (+5Vsb)	3 A
Hold time	16 ms
Efficiency	90%
Power protection features	Over current, Over power, Over voltage, Overheating, Short circuit, Under voltage

Ports & interfaces	
Motherboard power connector *	20+4 pin ATX
Motherboard power cable length	61 cm
Number of SATA power connectors	8
SATA power cable length	450 mm
Peripheral (Molex) power connectors (4-pin) *	5
Peripheral (Molex) power cable length	450 mm
PCI Express power connectors (6+2 pin)	3
PCI Express power cable length	75 cm
CPU P4 connector (4-pin)	2

Ports & interfaces	
CPU power connector (4+4 pin)	✓
CPU power cable length	65 cm
ATX power connector (20+4 pin)	✓
PCI Express connector	✓
Cabling type	Modular

Performance	
80 PLUS certification *	80 PLUS Gold
Supported motherboard form factors	ATX
Purpose *	PC
Power supply unit (PSU) form factor *	ATX
ATX version	2.4
Silent mode	✓
Bearing technology	FDB
Mean time between failures (MTBF)	100000 h

Design	
Product colour	Black
Cooling type	Active
Fan diameter	12 cm
Number of fans	1 fan(s)
Fan location	Top
On/off switch	✓

Operational conditions	
Operating temperature (T-T)	0 - 50 °C

Packaging content	
Cables included	AC, CPU, PCIe, Peripheral (Molex), SATA
Cable tie(s) included	✓

Weight & dimensions	
Width	150 mm
Depth	140 mm
Height	86 mm

Technical details	
Sustainability certificates	ErP

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