

TFX POWER 2 | 300W Gold

General

Model	TFX Power 2 300W Gold
-------	-----------------------

General Data

Continuous power (W)	300
Peak power (W)	330
Form factor ATX 12V	TFX 12V Version 2.4
Form factor EPS 12V	-
Modular cable management	no
Topology	-
Voltage (Vac)	100 - 240
Frequency (Hz)	50 - 60
Input current (A)	4 / 2
PFC	active
Power factor at 100% load	>0.99
Compliant to Intel C6/C7	yes
Compliant to Intel C6 mode	yes
Power consumption in standby (W)	<0.11
Average life time (h / 25°C)	100.000
Operating temperature up to (°C)	40

Output

12V rails (multi-rail operation)	2
12V single rail operation	no
Overclocking key	no
+3.3V (A)	18
+5V (A)	18
+12V1 (A)	13
+12V2 (A)	13
+12V3 (A)	-
+12V4 (A)	-
+12V5 (A)	-
+12V6 (A)	-
-12V (A)	0.3
+5Vsb (A)	3

Max. combined power 12V (W)	288
Max. combined power 3.3V + 5V (W)	103
Hold-up time (ms @ 100%)	>16

Fan / Cooling technology

Fan type	high-quality fan
+SilentWings	no
Motor technology	4-pole fan motor
Bearing technology	Sleeve
Fan size (mm)	80
Max. fan speed (rpm), temperature-dependent	1,815
Temperature control for case fans	yes
dB(A) at 20% load	12.7
dB(A) at 50% load	14.5
dB(A) at 100% load	26.5

Protection

OCP (over current protection)	yes
OVP (over voltage protection)	yes
UVP (under voltage protection)	yes
SCP (short circuit protection)	yes
OTP (over temperature protection)	no
OPP (over power protection)	yes

Safety certification

CE	yes
CB	yes
TÜV	yes
Nemko (N)	no
Semko (S)	no
Fimko (FI)	no
Demko (D)	no
FCC	no
cRUus	no
cTUVus	no
RCM (Australia)	no
BSMI	no
CU (Russia)	no

Eco / Efficiency

80PLUS certification	Gold
Efficiency (%) at 230V, 20% load	88.6
Efficiency (%) at 230V, 50% load	91.6
Efficiency (%) at 230V, 100% load	89.7

Environmental directives

ENERGY STAR	6.0
ErP	yes
WEEE	yes
RoHS	yes

Cablemanagement / Connectors

Modular cable management	no
Sleeved cables	yes
Flat Cables	-
Cable length to mainboard (cm)	35
Cable length to first connector (cm)	35
Maximum cable length (cm)	65
All-in-one cable (SATA/PATA/FDD)	no
No. of cables	5
ATX-Mainboard (20+4 pin)	1
P8 (CPU)	-
P4+4 (CPU)	-
P4 (CPU)	1
PCI-E 6 pin (GPU)	1 (via adapter)
PCI-E 6+2 pin (GPU)	-
PATA 4 pin	2
SATA 15-pin (HDD, Drives)	4
FDD (Floppy)	1
Mainboard Connector (PATA 4 pin)	-
External fan connectors	-

GPU compatibility

Multi-GPU ready	no
-----------------	----

Casing

--	--

Dimensions without cable (L x W x D), (mm)	175 x 85 x 65
Weight incl. fixed cables (kg)	1.08
Color	black

Accessories

Thumb screws	no
Screws	yes
Velcro cable ties	no
Cable ties	yes
AC power cord (mm)	1.500
Box/Bag for PSU/Cables	no
User manual languages	DE, EN, FR, PL, ES
OCK slot bracket with switch / OCK Jumper	no

Service

Warranty (Years)	2
Express replacement service in first year	-
International hotline / free of charge	✓ / DE, FR

Logistics Data, RRP

Range	TFX Power
Article number	BN229
EAN code	4260052183748
Dimensions, package (L x W x H), (mm)	195x80x159
Gross weight, package (kg)	1.4
Pieces per packaging unit	6
Dimensions, shipping box (L x W x H), (mm)	430x275x195
Gross weight, shipping box (kg)	9
RRP (€)	77.00