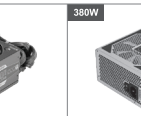
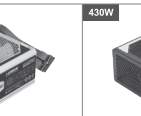
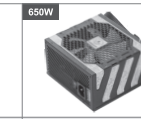
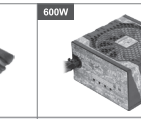
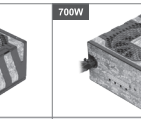
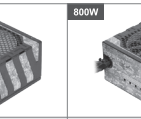
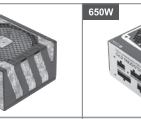
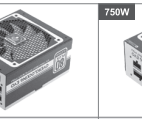
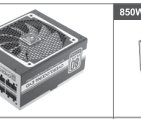
جدول مشخصات فنی منابع تغذیه سوئیچینگ (پاور) گرین

GREEN	300W	350W	400W	450W	500W	380W	430W	480W	530W	580W	600W	700W
تصویر پاور												
مدل پاور	GP300A-ECO Rev3.1	GP350A-ECO Rev3.1	GP400A-ECO Rev3.1	GP450A-ECO Rev3.1	GP500A-ECO Rev3.1	GP380A-EUD	GP430A-EUD	GP480A-EUD	GP530A-EUD	GP580A-EUD	GP600A-GED	GP700A-GED
ویرایش استاندارد	ATX12V Ver2.31	ATX12V Ver2.31	ATX12V Ver2.31	ATX12V Ver2.31	ATX12V Ver2.31	ATX12V Ver2.4	ATX12V Ver2.4	ATX12V Ver2.4	ATX12V Ver2.4	ATX12V Ver2.4	ATX12V Version 2.4	ATX12V Version 2.4
توان خروجی حقیقی و مستمر	300W Continuous	350W Continuous	400W Continuous	450W Continuous	500W Continuous	380W Continuous	430W Continuous	480W Continuous	530W Continuous	580W Continuous	600W Continuous	700W Continuous
برآیند توان شاخه های +12V	23A / 276W	26A / 312W	30A / 360W	33A / 396W	36A / 432W	31.6A / 380W	35.8A / 430W	40.0A / 480W	44.1A / 530W	48.3A / 580W	50A / 600W	58.3A / 700W
برآیند توان شاخه های 5V و 3.3V	103W	103W	103W	120W	120W	90W	100W	100W	110W	110W	110W	110W
راندمان در شرایط 230V-AC	82~85% @ 230Vac/25°C	82~85% @ 230Vac/25°C	82~85% @ 230Vac/25°C	83~86% @ 230Vac/25°C	83~86% @ 230Vac/25°C	85~88% @ 230Vac/25°C	85~88% @ 230Vac/25°C	85~88% @ 230Vac/25°C	85~88% @ 230Vac/25°C	85~88% @ 230Vac/25°C	85~89% @ 230Vac/25°C	85~89% @ 230Vac/25°C
گواهینامه راندمان 80PLUS	80Plus Standard	80Plus Standard	80Plus Standard	80Plus Standard	80Plus Standard	80Plus Bronze	80Plus Bronze	80Plus Bronze	80Plus Bronze	80Plus Bronze	80Plus Bronze	80Plus Bronze
عمرمفید در شرایط استاندارد	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
مدار اصلاح ضریب توان PFC	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)
دامنه ولتاژ ورودی AC	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V	200-240V
آیتم های محافظتی	OVP,UVP,OPP,SCP,SIP	OVP,UVP,OPP,SCP,SIP	OVP,UVP,OPP,SCP,SIP	OVP,UVP,OCP,OPP,SCP,SIP	OVP,UVP,OCP,OPP,SCP,SIP	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO
تنظیم اتوماتیک دور فن	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent
توپولوژی خروجی / ورودی	Double Forward / Group Regulation	Double Forward / Group Regulation	Double Forward / Group Regulation	Double Forward / Group Regulation	Double Forward / Group Regulation	Double Forward / DC-DC	Double Forward / DC-DC	Double Forward / DC-DC	Double Forward / DC-DC	Double Forward / DC-DC	Double Forward / DC-DC	Double Forward / DC-DC
ابعاد فن	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	120mm - Sleeve Bearing	1x120mm - Rifle Bearing	1x120mm - Rifle Bearing
خازن های ورودی	85°C	85°C	85°C	105°C	105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	105°C	105°C
خازن های خروجی	105°C	105°C	105°C	105°C	105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	TIWANESE 105°C	105°C	105°C
ابعاد بیرونی پاور (WxHxD)	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm
وزن خالص	1000g	1090g	1165g	1350g	1400g	1340g	1390g	1440g	1490g	1500g	1620g	1740g
رنگ بدنه	Black	Black	Black	Black	Black	Silver	Black Coating	Black Coating	Black Coating	Black Coating	SECC - Black Crepon	SECC - Black Crepon
آلیاژ و ضخامت بدنه	0.6mm SGCC	0.6mm SGCC	0.6mm SGCC	0.6mm SGCC	0.6mm SGCC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC
طول کابل های اصلی خروجی	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	≥45cm	50cm	50cm
ضخامت و طول کابل ورودی	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 0.75mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm
نوع کانکتور مادربورد	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin
نوع و تعداد کانکتور پردازنده	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	1 x 8(4+4)-Pin	2 x (4+4)8-Pin	2 x (4+4)8-Pin
نوع و تعداد کانکتور گرافیک	---	---	1 x 8(6+2)-Pin	1 x 8(6+2)-Pin	1 x 8(6+2)-Pin	---	1 x 8(6+2)-Pin	1 x 8(6+2)-Pin	2 x 8(6+2)-Pin	2 x 8(6+2)-Pin	2 x (6+2)8-Pin	4 x (6+2)8-Pin
نوع و تعداد کانکتور SATA	4 x 15-Pin	4 x 15-Pin	4 x 15-Pin	6 x 15-Pin	6 x 15-Pin	4 x 15-Pin	4 x 15-Pin	6 x 15-Pin	6 x 15-Pin	6 x 15-Pin	6 x 15-Pin	6 x 15-Pin
تعداد کانکتور IDE / FDD	2 x 4-Pin IDE	2 x 4-Pin IDE	2 x 4-Pin IDE	3 x 4-Pin IDE	3 x 4-Pin IDE	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	2 x 4-Pin IDE / 1 x FDD	2 x 4-Pin IDE / 1 x FDD
مدیریت کابل کشی خروجی	---	---	---	---	---	---	---	---	---	---	---	---
نوع کابل های خروجی	MB Sleeved Cable	MB/CPU Sleeved Cable	MB/CPU/VGA Sleeved Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable
گیره نگهدارنده کابل های خروجی	4pcs Cable Tie	4pcs Cable Tie	4pcs Cable Tie	4pcs Cable Tie	4pcs Cable Tie	8pcs Cable Tie	8pcs Cable Tie	8pcs Cable Tie	8pcs Cable Tie	8pcs Cable Tie	4pcs Cable Tie	4pcs Cable Tie
مدت زمان گارانتی گرین	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	37Month GREEN Guarantee	62Month GREEN Guarantee	62Month GREEN Guarantee

GREEN	500W	550W	650W	600W	700W	800W	650W	750W	850W	1050W	1200W	1350W
تصویر پاور												
مدل پاور	GP500A-UK+	GP550A-UK+	GP650A-UK+	GP600B-HP EVO	GP700B-HP EVO	GP800B-HP EVO	GP650B-OCPT	GP750B-OCPT	GP850B-OCPT	GP1050B-OCDG	GP1200B-OCDG	GP1350B-OCDG
ویرایش استاندارد	ATX12V Version 2.4	ATX12V Version 2.4	ATX12V Version 2.4	EPS12V / ATX12V Version 2.52	EPS12V / ATX12V Version 2.52	EPS12V / ATX12V Version 2.52	SSI EPS12V / ATX12V v2.4	SSI EPS12V / ATX12V v2.4	SSI EPS12V / ATX12V v2.4	SSI EPS12V Ver2.92/ATX12V Ver2.4	SSI EPS12V Ver2.92/ATX12V Ver2.4	SSI EPS12V Ver2.92/ATX12V Ver2.4
توان خروجی حقیقی و مستمر	500W Continuous	550W Continuous	650W Continuous	600W Continuous	700W Continuous	800W Continuous	650W Continuous	750W Continuous	850W Continuous	1050W Continuous	1200W Continuous	1350W Continuous
برآیند توان شاخه های +12V	41.6A / 500W	45.8A / 550W	54.1A / 650W	50A / 600W	58.3A / 700W	66.67A / 800W	54.2A / 650W	62.5A / 750W	70.5A / 850W	87.5A / 1050W	100A / 1200W	112.5A / 1350W
برآیند توان شاخه های 5V و 3.3V	105W	105W	120W	105W	120W	120W	130W	130W	130W	130W	130W	130W
راندمان در شرایط 230V-AC	90~92.5% @ 230Vac/25°C	90~92.5% @ 230Vac/25°C	90~92.5% @ 230Vac/25°C	90~93% @ 230Vac/25°C	90~93% @ 230Vac/25°C	90~93% @ 230Vac/25°C	92~95% @ 230Vac/25°C	92~95% @ 230Vac/25°C	92~95% @ 230Vac/25°C	92~94% @ 230Vac/25°C	92~94% @ 230Vac/25°C	92~94% @ 230Vac/25°C
گواهینامه راندمان 80PLUS	80Plus GOLD	80Plus GOLD	80Plus GOLD	80Plus GOLD	80Plus GOLD	80Plus GOLD	80Plus PLATINUM	80Plus PLATINUM	80Plus PLATINUM	80Plus PLATINUM	80Plus PLATINUM	80Plus PLATINUM
عمرمفید در شرایط استاندارد	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	120,000 Hours	120,000 Hours	120,000 Hours	120,000 Hours	120,000 Hours	120,000 Hours
مدار اصلاح ضریب توان PFC	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)	Active PFC (PF ≥ 0.95)
دامنه ولتاژ ورودی AC	200-240V	200-240V	200-240V	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)	100-240V (Full Range)
آیتم های محافظتی	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO	OPP,OVP,UVP,SCP,OCP,OTP,SIP,NLO
تنظیم اتوماتیک دور فن	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent	AFSC - Ultra Silent / Semi Fanless	AFSC - Ultra Silent / Semi Fanless	AFSC - Ultra Silent / Semi Fanless	Ultra Silent Operation/Digital Fan Controller	Ultra Silent Operation/Digital Fan Controller	Ultra Silent Operation/Digital Fan Controller
توپولوژی خروجی / ورودی	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC	Half Bridge-LLC / DC-DC
ابعاد فن	120mm - FDB Technology	120mm - FDB Technology	120mm - FDB Technology	120mm-FDB Technology (ARGB)	120mm-FDB Technology (ARGB)	120mm-FDB Technology (ARGB)	135mm FDB Technology	135mm FDB Technology	135mm FDB Technology	135mm FDB Technology / Semi Fanless	135mm FDB Technology / Semi Fanless	135mm FDB Technology / Semi Fanless
خازن های ورودی	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	Japanese (Rubycon) 105°C	Japanese (Rubycon) 105°C	Japanese (Rubycon) 105°C
خازن های خروجی	JAPAN / TAIWNESE 105°C	JAPAN / TAIWNESE 105°C	JAPAN / TAIWNESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE 105°C	JAPANESE Elec/Solid 105°C	JAPANESE Elec/Solid 105°C	JAPANESE Elec/Solid 105°C	Japanese (Nippon/Nichicon)105°C	Japanese (Nippon/Nichicon)105°C	Japanese (Nippon/Nichicon)105°C
ابعاد بیرونی پاور (WxHxD)	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x140mm	150x86x180mm	150x86x180mm	150x86x180mm	150x86x180mm	150x86x180mm	150x86x180mm
وزن خالص	1600g	1650g	1750g	1765g	1985g	2040g	2600g	2770g	3000g	3550g	3600g	3650g
رنگ بدنه	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Coating	SECC - Black Coating	SECC - Black Coating	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Crepon	SECC - Black Crepon
ضخامت بدنه	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	0.8mm SECC	1.0mm SECC	1.0mm SECC	1.0mm SECC	1.0mm SECC	1.0mm SECC	1.0mm SECC
طول کابل های اصلی خروجی	45cm	45cm	45cm	50cm	50cm	50cm	55cm	55cm	55cm	55-70cm	55-70cm	55-70cm
ضخامت و طول کابل ورودی	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.0mm2 – 150cm	3G 1.5mm2 Safety – 150cm	3G 1.5mm2 Safety – 150cm	3G 1.5mm2 Safety – 150cm	3G 1.5mm2 Safety – 150cm	3G 1.5mm2 Safety – 150cm	3G 1.5mm2 Safety – 150cm
نوع کانکتور مادربورد	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24-Pin	1 x 24-Pin	1 x 24-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin	1 x 24(20+4)-Pin
نوع و تعداد کانکتور پردازنده	1 x (4+4)8-Pin	1 x (4+4)8-Pin	1 x (4+4)8-Pin	1 x (4+4)8-Pin	1 x (4+4)8-Pin	2 x (4+4)8-Pin	2 x 8-Pin	2 x 8-Pin	2 x 8-Pin	2 x 8(4+4)-Pin	2 x 8(4+4)-Pin	2 x 8(4+4)-Pin
نوع و تعداد کانکتور گرافیک	2 x (6+2)8-Pin	2 x (6+2)8-Pin	3 x (6+2)8-Pin	2 x (6+2)8-Pin	4 x (6+2)8-Pin	4 x (6+2)8-Pin	4 x (6+2)8-Pin	4 x (6+2)8-Pin	6 x (6+2)8-Pin	8 x 8(6+2)-Pin	10 x 8(6+2)-Pin	12 x 8(6+2)-Pin
نوع و تعداد کانکتور SATA	6 x 15-Pin	6 x 15-Pin	6 x 15-Pin	6 x 15-Pin	9 x 15-Pin	9 x 15-Pin	12 x 15-Pin	12 x 15-Pin	12 x 15-Pin	12 x 15-Pin	12 x 15-Pin	12 x 15-Pin
تعداد کانکتور IDE / FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE / 1 x FDD	3 x 4-Pin IDE	3 x 4-Pin IDE	3 x 4-Pin IDE	4 x 4-Pin IDE / 1 x FDD	4 x 4-Pin IDE / 1 x FDD	4 x 4-Pin IDE / 1 x FDD	8 x 4-Pin IDE / 1 x FDD Adapter	8 x 4-Pin IDE / 1 x FDD Adapter	8 x 4-Pin IDE / 1 x FDD Adapter
مدیریت کابل کشی خروجی	---	---	---	Semi Cable Management	Semi Cable Management	Semi Cable Management	Full Cable Management	Full Cable Management	Full Cable Management	Full Cable Management	Full Cable Management	Full Cable Management
نوع کابل های خروجی	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Cable	Full Flat Black Cable	Full Flat Black Cable	Full Flat Black Cable
گیره نگهدارنده کابل های خروجی	8pcs Cable Tie / 3pcs Holder	8pcs Cable Tie / 3pcs Holder	8pcs Cable Tie / 3pcs Holder	8pcs Cable Tie / 3pcs Holder	8pcs Cable Tie / 3pcs Holder	8pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder	15pcs Cable Tie / 3pcs Holder
مدت زمان گارانتی گرین	62Month GREEN Guarantee	62Month GREEN Guarantee	62Month GREEN Guarantee	62Month GREEN Guarantee	62Month GREEN Guarantee	62Month GREEN Guarantee	130Month GREEN Guarantee	130Month GREEN Guarantee	130Month GREEN Guarantee	130Month GREEN Guarantee	130Month GREEN Guarantee	130Month GREEN Guarantee