Online UPS 160KVA-600KVA

DIGIGATE Series UPS use double conversion technology with a very advanced design criteria improves the performance of components, minimizes the quantity of raw material used on the magnetics and reduces the number of semiconductors thus reducing servicing time and ownership costs. This UPS have high efficiency(>93%) and input power factor(>0.99) within output isolation transformer. The inverter transformer prevents the direct feed-through of the battery potential into the critical load and allows a very high rejection ratio of the power supply disturbances (spikes, surges etc.).



Applications

Centralized server center, network control center, Information Center, Healthcare, Telecommunication

Specifications

Stated input voltage Stated input current 200 250 312 375 500 625 750	Capacity		160K	200K	250K	300K	400K	500K	600K
State Part Carrent 200 250 312 378 600 828 780	Main input								
Max. Injust current 230 230 350 420 590 700 840 840 840 700 840 840 840 700 840	Rated input voltage					/415V (line v			
Spinger Spin	Rated input current				-				
Maintaine	•		230	280				700	840
Sampoil current Sampoil cu	•				3	•	s		
Operating ranges Operating ranges 20%s Power on ranges 15%s 15%s ~ ~ 20%s									
Trequency Range									
Statisty Tippe Statisty Tippe Statisty Tippe Statisty Tippe Statisty Tippe Statisty Tippe Statisty Stati					ad capacity lin	ear derates d	uring 100%~		
Satisfy Type Maintenance - Free lead ack load bard by 120 battery 50 units 120 units					١	50/60Hz ± 5H	z		
10. of Battery 10.									
Indition provides Set Se									
Marchange voltage V					12\	-	nits		
188 210 283 336 421 506									
Max. charging current(Rated Load) A 30 30 30 30 30 30 30	ind discharge voltage-V	n							
Providing current to inverter(reted load) A 270 340 425 510 580 580 1020		d) KW	132	168	210		336	421	506
Sattery protection(external) Sattery protection		0.4		• • •					4000
Sypass input	· · · · · · · · · · · · · · · · · · ·	id) A	270	340				850	1020
1,000 1,00	, ,				Auto cir	cuit breaker (fuse box)		
input voltage range proput connection \$120% \$184 \$20 \$19									
Sphase 4 wires	· · · · · · · · · · · · · · · · · · ·				380/400/	•	ltage)		
Tequency range									
Display Charge precision (Balance load)	•				3	phase 4 wire	S		
1908						60/60Hz ±5Hz			
Rate of output voltage Rate of output voltage Rate of output voltage Rate of output vortin(rate of voltage Rate of output voltage Rate	Output								
Continue	Voltage precision (Balance load)					±1%			
	<u> </u>				380/400	415V (line vo	Itage)		
Dynamic Voltage transient	Rated output current(rated voltage 40	00V) Load power factor 0.8	232	290	362	435	580	725	870
Voltage distorion(linear load)		Load power factor 1.0	184	230	287	345	460	575	690
THD-5% (phase votage)	Dynamic Voltage transient				±5%(be	tween 0~1009	%load)		
10	/oltage distortion(linear load)				THD<1	% (phase vol	tage)		
Frequency tacking range 50Hz 3 Hz Frequency precision(battery mode) 10.1% 10	/oltage distortion(non-linear load)				THD<5	% (phase vol	tage)		
Frequency precision(battery mode)	Power Factor					0.8			
Prequency tacking rate	requency tacking range					50Hz ± 3Hz			
Phase tolerance 120 ±1 (balance or unbalance load	requency precision(battery mode)					± 0.1%			
Voltage unbalance degree at 100% unbalance load	Frequency tacking rate					<1Hz/s			
105%-(c)ad<110%, Transfer to bypass after 60 minute 111%-(c)ad<125%, Transfer to bypass after 60 minute 111%-(c)ad<125%, Transfer to bypass after 10 minutes 125%-(c)ad<1200%, Transfer to bypass after 200 ms 125%-(c)ad<200%, Power off after 100ms 125%-(c)ad<200%, Transfer dater 100ms 125%-(c)ad<200%, Dower off after 100ms 125%-(c)ad<200%, Dower off after 100ms 125%-(c)ad<100%, Dower off after 100ms 12	Phase tolerance				120 ±1° (ba	lance or unb	alance load)		
1114 125	Voltage unbalance degree at 100% un	ibalance load				±2%			
Dutput current crest rate 3.1	Overload capacity			105%	<load<110%, t<="" td=""><td>ranster to by</td><td>pass atter 60</td><td>) minute</td><td></td></load<110%,>	ranster to by	pass atter 60) minute	
Support Supp	Overioad capacity			111 ⁴ 125%	% <load<125%, <load<150%, t<br="">%<load<200%,< td=""><td>Transfer to b ransfer to by Trasfer to by</td><td>ypass 10 mi pass after 1 pass after 2</td><td>nutes minutes</td><td></td></load<200%,<></load<150%,></load<125%, 	Transfer to b ransfer to by Trasfer to by	ypass 10 mi pass after 1 pass after 2	nutes minutes	
Transfer time(normal mode)	Overload capacity Bypass overload capacity		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by 6, Power off a	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
About 20ms System	Bypass overload capacity		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by transfer to by Trasfer to by Region (Control of the Control of the	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
System switch frequency SkHz System switch frequency 93% System efficiency(linear load) 93% System efficiency(linear load) 95% 95% System efficiency(linear load) 95% System efficiency(linea	Bypass overload capacity Output current crest rate		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by 7, Power off 2, power off 3:1	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
System switch frequency SkHz System efficiency(linear load) 93% 38attery Inversion efficiency(linear load) 95%	Bypass overload capacity Dutput current crest rate Transfer time(normal mode)		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by Frasfer to by Frasfer to by Trasfer to by Frasfer to be reation; 150 22 22 23 21 23 21 25 25 25 25 25 25 25 25 25 25 25 25 25	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
System efficiency(linear load) 93%	Bypass overload capacity Output current crest rate Fransfer time(normal mode) Fransfer time(ECO mode)		150'	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by Frasfer to by Frasfer to by Trasfer to by Frasfer to be reation; 150 22 22 23 21 23 21 25 25 25 25 25 25 25 25 25 25 25 25 25	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
Sattery Inversion efficiency (linear load) 95%	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by 6, Power off 6, Power off 3:1 0s About 20ms	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
Conduction/radiation	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) Bystem System System		150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by 6, Power off 6, Power off 3:1 0s About 20ms 8kHz	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
Conduction/radiation FCC Part 15, Class A Harmonic current IEC61000-3-12 Immunity EN61000-4-2.3.46.8.9.11 Level III, EN 61000-4-5 Level IV	Bypass overload capacity Dutput current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load)	nd)	150	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by K., Power off 3:1 0s About 20ms 8kHz 93%	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
Harmonic current IEC61000-3-12 Immunity EN61000-4-2.3.46.8.9.11 Level III, EN 61000-4-5 Level IV	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load)	nd)	150'	111' 125% 150'	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200%, , long time ope</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by K., Power off 3:1 0s About 20ms 8kHz 93% 95%	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power	nutes minutes 00 ms	ute;
Immunity EN61000-4-2.3.46.8.9.11 Level III, EN 61000-4-5 Level IV	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load)	•	150'	111' 125% 150'	% <load<125%; load<150%, T %<load<200%, load>=200% , long time ope load>=200</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by, Power off 3:1 0s About 20ms 8kHz 93% LCD+LED	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms	ute;
Safety requirement Soise (1m) Soise (1	Bypass overload capacity Output current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load)	Conduction/radiation	150'	111' 125% 150'	% <load<125%; load<150%, T %<load<200%, load>=200% , long time ope load>=200</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by, Power off 3:4, power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms	ute;
Noise (1m)	Bypass overload capacity Output current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load)	Conduction/radiation Harmonic current	150'	111' 125%* 150' %rate current	% <load<125%; load<150%, T %<load<200%, load>=200° , long time ope load>=200</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by, Power off 3:4, power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	lute;
No-load loop current (1+1) <4%	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Display EMC/EMI	Conduction/radiation Harmonic current	150'	111' 125%* 150' %rate current	% <load<125%; load<150%, T %<load<200%, load>=200° , long time ope load>=200</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by, Power off 3:4, power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	ute;
No-load loop current (3+1) S5%	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200° , long time ope load>=200 FCC II</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by, Power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED C Part 15, Cla EC61000-3-12 11 Level III, E	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	
Current unbalace degree (1+1) <4% Current unbalace degree (3+1) <5%	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) Bystem Bystem switch frequency Bystem efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Bafety requirement Noise (1m)	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200° , long time ope load>=200 FCC II</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by, Fower off as a stration; 150 and a stratio	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	
Current unbalace degree (3+1) <5% Insulation resistance >2M(500VDC) Insulation strength (input, output to PE)2820Vdc, leakage current lower than 3.5mA, no flashover in 1min Meet the requirement of IEC60664-class IV, the surge protection capacity from 1.2/50us+8/20us combination wave must higher than 6KV/3KA. P degree IP20 Installation Connection way Bottom cable connection Dimension(WxDxH) 1210x860x1950mm 2440x990x2020mm Mechanical spec. Packing Dimension(WxDxH) 1300x950x2150mm 2540x1090x2220mm Gross weight(KG) 860 910 1100 1200 1900 2200 2500 ECO Voltage range ±10%	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1)	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200° , long time ope load>=200 FCC II</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by, Fower off as a strain; 150 2 %, power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla EC61000-3-12 11 Level III, E	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	
Surge protection Surge prote	Bypass overload capacity Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) Bystem Bystem switch frequency Bystem efficiency(linear load) Battery Inversion efficiency(linear load) Bolisplay EMC/EMI Bafety requirement Noise (1m) No-load loop current (1+1)	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200° , long time ope load>=200 FCC II</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by, Fower off as a series of the	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	
Surge protection Meet the requirement of IEC60664-class IV, the surge protection capacity from 1.2/50us+8/20us combination wave must higher than 6KV/3KA.	Bypass overload capacity Dutput current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) No-load loop current (3+1) Current unbalace degree (1+1)	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%, <load<150%, t<br="">%<load<200%, load>=200° , long time ope load>=200 FCC II</load<200%, </load<150%,></load<125%, 	Transfer to by ransfer to by Trasfer to by, fower off as a serior, 150 %, power off 3:1 %, power off 3:1 % About 20ms 8kHz 93% 95% LCD+LED C Part 15, Cla EC61000-3-12 11 Level III, E <65dB <4% <5% <4%	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms	nutes minutes 00 ms off after 1 min	
Meet the requirement of IEC60664-class IV, the surge protection capacity from 1.2/50us+8/20us combination wave must higher than 6KV/3KA.	Bypass overload capacity Dutput current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) Ourrent unbalace degree (1+1) Current unbalace degree (3+1)	Conduction/radiation Harmonic current		111' 125%- 150' %rate current	% <load<125%; load<150%, T %<load<200%, load>=200° , long time ope load>=200 FCC II 0-4-2.3.46.8.9</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by Trasfer to by 6, Power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla EC61000-3-12 11 Level III, E <65dB <4% <5% <44% <5%	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms sss A N 61000-4-5	nutes minutes 00 ms off after 1 min	
P degree	Bypass overload capacity Dutput current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency Bystem efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) No-load loop current (3+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance	Conduction/radiation Harmonic current	<65dB	111' 125%: 150' %rate current EN61000 <65dB	% <load<125%; load<150%, T %<load<200%, load>=200° , long time ope load>=200 FCC II 0-4-2.3.4.6.8.9</load<200%, </load<125%; 	Transfer to by ransfer to by Trasfer to by Trasfer to by 6, Power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED Part 15, Cla EC61000-3-12 11 Level III, E < 65dB < 4% < 5% < 4% < 5% <>2M(500VDC	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms sss A <70dB	nutes minutes 00 ms off after 1 min Level IV <75dB	<75dE
Section Sect	Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Display EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) No-load loop current (3+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance Insulation strength	Conduction/radiation Harmonic current	<65dB	### 111	% <load<125%, %<load<200%,="" load="" load<150%,="" load<200%,="" t="">=200%, load>=200 % load</load<125%,>	Transfer to by ransfer to by Trasfer to by Trasfer to by 6, Power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED C Part 15, Cla EC61000-3-12 11 Level III, E <65dB <44% <55% >2M(500VDC) ge current lov 44-class IV, th	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms ss A <70dB ver than 3.5r e surge prof	nutes minutes 00 ms off after 1 min Level IV <75dB mA, no flashov ection capacity	<75dE
Dimension(WxDxH) 1210x860x1950mm 2440x990x2020mm	Bypass overload capacity Output current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Battery Inversion efficiency(linear load) Battery Inversion efficiency(linear load) Battery Inversion efficiency(linear load) Bolisplay EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) Current unbalace degree (1+1) Current unbalace degree (3+1) nsulation resistance nsulation strength Surge protection	Conduction/radiation Harmonic current	<65dB	### 111	% <load<125%, %<load<200%,="" load="" load<150%,="" load<200%,="" t="">=200%, load>=200 % load</load<125%,>	Transfer to by ransfer to by Trasfer to by 6, Power off 3:1 0s About 20ms 8kHz 93% 95% LCD+LED C Part 15, Cla EC61000-3-12 11 Level III, E <65dB <44% <55% <2M(500VDC) ge current low 64-class IV, the tion wave m	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms ss A <70dB ver than 3.5r e surge prof	nutes minutes 00 ms off after 1 min Level IV <75dB mA, no flashov ection capacity	<75dE
Mechanical spec. Packing Dimension(WxDxH) 1300x950x2150mm 2540x1090x2220mm Gross weight(KG) 860 910 1100 1200 1900 2200 2500 ECO Voltage range ± 10%	Dutput current crest rate Fransfer time(normal mode) Fransfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) Current unbalace degree (1+1) Current unbalace degree (3+1) nsulation resistance nsulation strength Surge protection P degree	Conduction/radiation Harmonic current	<65dB	### 111	% <load<125%, %<load<200%,="" load="" load<125%,="" load<150%,="" t="">=200%, load>=200%, load>=200</load<125%,>	Transfer to by ransfer to by Trasfer to by Fransfer to by Fransfer to by Trasfer to by Fransfer	ypass 10 mi pass after 1 pass after 1 pass after 2 after 100ms 200%, power after 100ms SSS A N 61000-4-5 Ver than 3.5re surge profust higher the	nutes minutes 00 ms off after 1 min Level IV <75dB mA, no flashov ection capacity	<75dE
Gross weight(KG) 860 910 1100 1200 1900 2200 2500 Voltage range ± 10%	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Display EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) No-load loop current (3+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance Insulation strength Surge protection P degree Installation Connection way	Conduction/radiation Harmonic current Immunity	<65dB	### 111	% <load<125%, %<load<200%,="" load="" load<125%,="" load<150%,="" t="">=200%, load>=200%, load>=200 lo</load<125%,>	Transfer to by ransfer to by Trasfer to by Fransfer to by Fransfer to by Trasfer to by Fransfer	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms SS A N 61000-4-5 Ver than 3.5r e surge profust higher the	nutes minutes 00 ms off after 1 min Level IV <75dB mA, no flashove tection capacity an 6KV/3KA.	<75dE er in 1min y from
ECO Voltage range ±10%	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Display EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance Insulation strength Surge protection IP degree Installation Connection way	Conduction/radiation Harmonic current Immunity	<65dB	### 111	% <load<125%, %<load<200%,="" load="" load<125%,="" load<150%,="" t="">=200%, load>=200%, load>=200 lo</load<125%,>	Transfer to by ransfer to by Trasfer to by Fransfer to by Fransfer to by Trasfer to by Fransfer	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms SS A ST	nutes minutes 00 ms off after 1 min off after 1 min Level IV <75dB mA, no flashove tection capacity an 6KV/3KA. 2440x990x202	<75dE er in 1min y from
	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) Display EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) No-load loop current (3+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance Insulation strength Surge protection IP degree Installation Connection way Dim Mechanical spec.	Conduction/radiation Harmonic current Immunity nension(WxDxH) cking Dimension(WxDxH)	<65dB (input, o	EN61000 <65dB utput to PE)2: the requirem 1.2/50us+8 1210x860: 1300x950:	% <load<125%, %<load<200%,="" load="" load<125%,="" load<150%,="" t="">=200%, load>=200%, load>=200 lo</load<125%,>	Transfer to by ransfer to by Trasfer to by Fransfer	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms SS A N 61000-4-5 Ver than 3.5r e surge profust higher the	nutes minutes 00 ms off after 1 min off after 1 min 	<75dE er in 1min y from
	Bypass overload capacity Output current crest rate Transfer time(normal mode) Transfer time(ECO mode) System System switch frequency System efficiency(linear load) Battery Inversion efficiency(linear load) EMC/EMI Safety requirement Noise (1m) No-load loop current (1+1) Current unbalace degree (1+1) Current unbalace degree (3+1) Insulation resistance Insulation strength Surge protection P degree Installation Connection way Din Mechanical spec. Pac	Conduction/radiation Harmonic current Immunity nension(WxDxH) cking Dimension(WxDxH) oss weight(KG)	<65dB (input, o	EN61000 <65dB utput to PE)2: the requirem 1.2/50us+8 1210x860: 1300x950:	% <load<125%, %<load<200%,="" load="" load<125%,="" load<150%,="" t="">=200%, load>=200%, load>=200 lo</load<125%,>	Transfer to by ransfer to by Trasfer to by Fransfer	ypass 10 mi pass after 1 pass after 2 after 100ms 200%, power after 100ms SS A N 61000-4-5 Ver than 3.5r e surge profust higher the	nutes minutes 00 ms off after 1 min off after 1 min 	<75dE er in 1min y from

Note: i) All specifications subject to change without notice ii) Custom-made specifications are acceptable



ARABIAN POWER ELECTRONICS COMPANY