

Output:220VAC/230VAC



Item	NP260-12	NP260-22	NP400-12	NP400-22	NP600-12	NP600-22	NP800-12	NP1000-22
Continuous output power	260W@25℃ 260W@45℃	260W@25℃ 260W@45℃	400W@25℃ 350W@45℃	400W@25℃ 350W@45℃	600W@25℃ 500W@45℃	600W@25℃ 500W@45℃	800W@25℃ 800W@45℃	1000W@25℃ 800W@45℃
Surge power	400W	400W	700W	700W	1000W	1000W	1600W	2000W
Output voltage	220/230VAC (-8%~+3%)	220/230VAC (±3%)	220/230VAC (-8%~+3%)	220/230VAC (±3%)	220/230VAC (-8%~+3%)	220/230VAC (±3%)	220/230VAC (-8%~+3%)	220/230VAC(±3%)
Output frequency	50/60Hz±0.2%				50/60Hz±0.2%			
Output wave	Pure sine wave				Pure sine wave			
Output distortion THD	THD≤3%(Resistive load)				THD≤3%(Resistive load)			
Load power factor	0.2-1(Load VA ≤ Continuous output power)				0.2-1(Load VA ≤ Continuous output power)			
Rated input voltage	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC
Input voltage range	10.8~16VDC	21.6~32VDC	10.8~16VDC	21.6~32VDC	10.8~16VDC	21.6~32VDC	10.8~16VDC	21.6~32VDC
Output efficiency of 80% rated power	0.81	0.84	0.81	0.85	0.81	0.85	0.83	0.85
Max. rated efficiency	0.79	0.82	0.79	0.84	0.8	0.83	0.81	0.82
Max. output efficiency	89%(80W)	90%(100W)	90%(100W)	91%(100W)	89%(200W)	92%(160W)	92%(100W)	92%(200W)
No-load current	<0.4A	<0.3A	<0.5A	<0.3A	<0.6A	<0.4A	<0.6A	<0.4A
Static Loss	<0.3W@12V	<0.4W@24V	<0.3W@12V	<0.4W@24V	<0.3W@12V	<0.4W@24V	<0.3W@12V	<0.4W@24V
RS485 com. port	5VDC/300mA(Non-isolated)				5VDC/300mA(Non-isolated)			
Dimension(LxWxH)	365×212×97mm	365×212×97mm	386×215×99mm	386×215×99mm	428×243×121mm	428×243×121mm	475×268×139mm	475×268×139mm
Mounting dimension	220×193mm	220×193mm	230×196mm	230×196mm	260×220mm	260×220mm	270×245mm	270×245mm
Net Weight	6.4kg	6.3kg	8.1kg	7.9kg	10.4kg	10.1kg	13.3kg	12.7kg
Operating temperature range	-20℃~-+45℃(Fullload)				-20℃~-+45℃(Fullload)			
Relative humidity	<95%(N.C.)				<95%(N.C.)			
Enclosure	IP20				IP20			

Output:220VAC/230VAC

Item	NP1000-42	NP1200-12	NP1200-22	NP1500-12	NP1500-22	NP2000-12	NP2000-22	NP2000-42
Continuous output power	1000W@25℃ 1000W@45℃	1200W@25℃ 1000W@45℃	1200W@25℃ 1000W@45℃	1500W@25℃ 1300W@45℃	1500W@25℃ 1500W@45℃	2000W@25℃ 2000W@45℃	2000W@25℃ 2000W@45℃	2000W@25℃ 2000W@45℃
Surge power	2000W	2000W	2000W	3000W	3000W	4000W	4000W	4000W
Output voltage	220/230VAC(±3%)	220/230VAC (-8%~+3%)	220/230VAC(±3%)	220/230VAC (-5%~+3%)	220/230VAC(±3%)	220/230VAC (-5%~+3%)	220/230VAC(±3%)	220/230VAC(±3%)
Output frequency	50/60Hz±0.2%				50/60Hz±0.2%			
Output wave	Pure sine wave				Pure sine wave			
Output distortion THD	THD≤3%(Resistive load)			THD≤5% (Resistiveload)	THD≤3% (Resistiveload)	THD≤5% (Resistiveload)	THD≤3% (Resistiveload)	THD≤3% (Resistiveload)
Load power factor	0.2-1(Load VA ≤ Continuous output power)				0.2-1(Load VA ≤ Continuous output power)			
Rated input voltage	48VDC	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC	48VDC
Input voltage range	43.2~64.0VDC	10.8~16VDC	21.6~32VDC	10.8~16VDC	21.6~32VDC	10.8~16.0VDC	21.6~32.0VDC	43.2~64.0VDC
Output efficiency of 80% rated power	0.908	0.81	0.85	0.84	0.885	0.845	0.88	0.89
Max. rated efficiency	0.894	0.78	0.84	0.82	0.87	0.82	0.86	0.87
Max. output efficiency	94.5%(300W)	92%(200W)	93%(300W)	90%(400W)	92%(500W)	90%(600W)	93%(500W)	93%(500W)
No-load current	<0.19A	<0.6A	<0.4A	<2.0A	<0.5A	<2.5A	<0.6A	<0.3A
Static Loss	<0.7W@48V	<0.3W@12V	<0.4W@24V	<0.6W@12V	<0.6W@24V	<0.6W@12V	<0.6W@24V	<1.8W@48V
RS485 com. port	5VDC/200mA (Isolation)	5VDC/300mA(Non-isolated)			5VDC/300mA(Non-isolated)			5VDC/200mA (Isolation)
Dimension(LxWxH)	452x268x139mm	511×268×139mm		566×313×145mm	566×313×145mm	554×393×175mm	554×393×175mm	486×313×145mm
Mounting dimension	270x245mm	300×245mm	300×245mm	350×292mm	350×292mm	350×372mm	350×372mm	350×292mm
Net Weight	13.91kg	15.7kg	15.3kg	20.3kg	20.2kg	29.8kg	27.6kg	20.7kg
Operating temperature range	-20℃~-+45℃(Fullload)				-20℃~-+45℃(Fullload)			
Relative humidity	<95%(N.C.)				<95%(N.C.)			
Enclosure	IP20				IP20			