

Output:220VAC/230VAC/240VAC



Parameters	IP350-12-Plus	IP350-22-Plus	IP500-12-Plus	IP500-22-Plus	IP1000-12-Plus	IP1000-22-Plus	IP1500-12-Plus	IP1500-22-Plus	IP1500-42-Plus
Continuous output power	350W		500W		1000W		1500W		
Surge power	700W@5S		1000W@5S		2000W@5S		3000W@5S		
Surge current when power on	< 30A		< 50A		< 100A		< 100A		< 50A
Output voltage	220VAC (±3%); 230VAC (-6%~+3%); 240VAC (-9%~+3%)				220VAC (±3%); 230VAC (-6%~+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	48VDC
Input voltage range	10.8 ~ 16.0 VDC	21.6 ~ 32 VDC	10.8 ~ 16.0 VDC	21.6 ~ 32 VDC	10.8 ~ 16.0 VDC	21.6 ~ 32.0 VDC	10.8 ~ 16.0 VDC	21.6 ~ 32.0 VDC	43.2 ~ 64.0 VDC
Rated output efficiency	> 89.0%	> 90.0%	> 89.5%	> 91.5%	> 89.0%	> 90.0%	> 89.0%	> 90.0%	> 92.5%
Max. output efficiency	> 90.0% (70% loads)	> 91.5% (70% loads)	> 91.0% (40% loads)	> 92.0% (40% loads)	> 93.0% (40% loads)	> 93.0% (30% loads)	> 93.0% (30% loads)	> 93.5% (30% loads)	> 94.0% (30% loads)
No-load current	< 0.9A	< 0.4A	< 0.9A	< 0.6A	< 1.1A	< 0.9A	< 1.2A	< 0.9A	< 0.5A
USB output	5VDC/Max.1A				5VDC/Max.1A		5VDC/Max.1A		---
RS485 com. port	5VDC/200mA				5VDC/200mA				
Dimension	229 × 163.5 × 75mm		286 × 163.5 × 78mm		371 × 231.5 × 123mm		387 × 231.5 × 123mm		
Net Weight	1.5kg		2.3kg		5.0kg		6.0kg		
Environment temperature	-20°C ~ +60°C (Refer to the Derating Curve)								
Relative humidity	< 95% (N.C.)								
Enclosure	IP20								
Safety	EN/IEC62109-1, UL1741, UL458, CSA C22.2#107.1								
EMC (Electromagnetic compatibility)	EN61000-6-1/EN61000-6-3 FCC 47 CFR Part 15, Subpart B								
RoHS	IEC62321-3-1								

Output:220VAC/230VAC

Parameters	IP2000-12-Plus	IP2000-22-Plus	IP2000-42-Plus	IP3000-12-Plus	IP3000-22-Plus	IP3000-42-Plus	IP4000-42-Plus	IP5000-42-Plus	
Continuous output power	2000W			3000W			4000W	5000W	
Surge power	4000W@5S			6000W@5S			8000W@5S	8000W@5S	
Surge current when power on	< 100A	< 100A	< 50A	< 100A	< 100A	< 65A	< 65A	< 65A	
Output voltage	220VAC (±3%); 230VAC (-6%~+3%)			220VAC (±3%); 230VAC (-6%~+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	48VDC	12VDC	24VDC	48VDC	48VDC	48VDC	
Input voltage range	10.8 ~ 16.0 VDC	21.6 ~ 32.0V DC	43.2 ~ 64.0 VDC	10.8 ~ 16.0 VDC	21.6 ~ 32.0 VDC	43.2 ~ 64.0 VDC	43.2 ~ 64 VDC	43.2 ~ 64.0 VDC	
Rated output efficiency	> 88.0%	> 90.0%	> 92.5%	> 87.0%	> 90.0%	> 92.5%	> 91.0%	> 91.0%	
Max. output efficiency	> 94.0% (30% loads)	> 93.0% (30% loads)	> 94.5% (30% loads)	> 94.0% (30% loads)	> 94.0% (30% loads)	> 94.5% (30% loads)	> 94.0% (30% loads)	> 94.0% (30% loads)	
No-load current	< 1.2A	< 1.0A	< 0.5A	< 1.6A	< 1.0A	< 0.5A	< 0.6A	< 0.8A	
USB output	5VDC/Max.1A	5VDC/ Max.1A	---	5VDC/Max.1A	5VDC/Max.1A	---	---	---	
RS485 com. port	5VDC/ 200mA			5VDC/ 200mA					
Dimension	420×231.5×123 mm	421×231.5×123 mm	421×231.5×123 mm	557×231.5×123 mm	521×274×148 mm	491×231.5×123 mm	516×231.5×123 mm	531×231.5×123 mm	
Net Weight	8.0kg	6.5kg	6.5kg	10.5kg	8.0kg	7.0kg	8.0kg	9.0kg	
Environment temperature	-20°C ~ +60°C (Refer to the Derating Curve)								
Relative humidity	< 95% (N.C.)								
Enclosure	IP20								
Safety	EN/IEC62109-1, UL1741, UL458, CSA C22.2#107.1								
EMC (Electromagnetic compatibility)	EN61000-6-1/EN61000-6-3 FCC 47 CFR Part 15, Subpart B								
RoHS	IEC62321-3-1								