

Output:110VAC/120VAC



Parameters	IP350-11-Plus	IP350-21-Plus	IP500-11-Plus	IP500-21-Plus	IP1000-11-Plus	IP1000-21-Plus	IP1500-11-Plus	IP1500-21-Plus	IP1500-41-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	110VAC (±3%); 120VAC (-7%~+3%)				110VAC (±3%); 120VAC (-7%~+3%)				
Output frequency	50/60Hz ± 0.2%				50/60Hz ± 0.2%				
Output wave	Pure Sine Wave				Pure Sine Wave				
Output distortion THD	THD ≤ 4% (Resistive load)	THD ≤ 3% (Resistive load)	THD ≤ 4% (Resistive load)		THD ≤ 4% (Resistive load)	THD ≤ 3% (Resistive load)	THD ≤ 4% (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	> 87.0%	> 90.0%	> 87.5%	> 90.0%	> 87.0%	> 90.0%	> 88.0%	> 88.0%	> 90.0%
Max. output efficiency	> 89.0% (70% loads)	> 90.5% (70% loads)	> 90.0% (40% loads)	> 91.0% (40% loads)	> 92.0% (40% loads)	> 92.5% (30% loads)	> 93.0% (30% loads)	> 92.5% (30% loads)	> 92.0% (30% loads)
No-load current	< 0.8A	< 0.4A	< 0.8A	< 0.5A	< 0.8A	< 0.6A	< 1.0A	< 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:110VAC/120VAC

Parameters	IP2000-11-Plus	IP2000-21-Plus	IP2000-41-Plus	IP3000-11-Plus	IP3000-21-Plus	IP3000-41-Plus	IP4000-41-Plus
Continuous output power	2000W			3000W			4000W
Surge power	4000W@5S			4800W@5S	6000W@5S	6000W@5S	8000W@5S
Surge current when power on	< 100A	< 100A	< 50A	< 100A	< 100A	< 65A	< 65A
Output voltage	110VAC (±3%); 120VAC (-7%~+3%)			110VAC (±3%); 120VAC (-7%~+3%)			
Output frequency	50/60Hz ± 0.2%			50/60Hz ± 0.2%			
Output wave	Pure Sine Wave			Pure Sine Wave			
Output distortion THD	THD ≤ 5% (Resistive load)	THD ≤ 4% (Resistive load)	THD ≤ 4% (Resistive load)	THD ≤ 4% (Resistive load)	THD ≤ 5% (Resistive load)	THD ≤ 4% (Resistive load)	THD ≤ 4% (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
Input voltage range	10.8 ~ 16.0 VDC	21.6 ~ 32.0 VDC	43.2 ~ 64.0 VDC	10.8 ~ 16.0 VDC	21.6 ~ 32.0 VDC	43.2 ~ 64.0 VDC	43.2 ~ 64 VDC
Rated output efficiency	> 85.0%	> 88.0%	> 88.0%	> 85.0%	> 87.0%	> 89.5%	> 88.0%
Max. output efficiency	> 92.0% (30% loads)	> 92.0% (30% loads)	> 93.0% (30% loads)	> 93.0% (30% loads)	> 91.5% (30% loads)	> 93.5% (30% loads)	> 93.0% (30% loads)
No-load current	< 1.2A	< 0.9A	< 0.5A	< 1.6A	< 1A	< 0.4A	< 0.6A
USB output	5VDC/Max.1A	5VDC/ Max.1A	---	5VDC/Max.1A	5VDC/Max.1A	---	---
RS485 com. port	5VDC/ 200mA			5VDC/ 200mA			
Dimension	420×231.5×12 mm	421×231.5×12 mm	421×231.5×123 mm	550×274×148 mm	521×274×148 mm	516 x231.5x123 mm	521×274×148 mm
Net Weight	8.0kg	6.5kg	6.5kg	13.0kg	8.0kg	8.0kg	12.0kg
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						