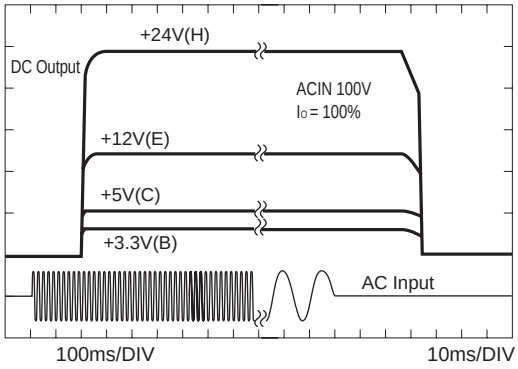
Basic Characteristics Data

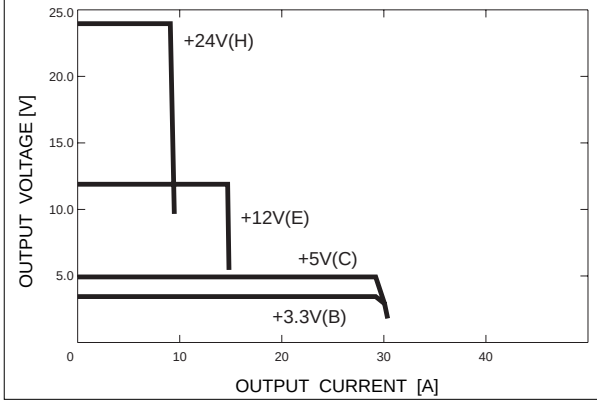
Model	Circuit method	Switching frequency [kHz]	Input current [A]	Rated input fuse	Inrush current protection	PCB/Pattern			Series/Parallel operation availability	
						Material	Single sided	Double sided	Series operation	Parallel operation
Input module of ACE300F	Active filter	80	3.7∗1	250V 8A	SCR	FR-4		Yes	No	No
Input module of ACE450F	Active filter	80	5.7∗2	250V 10A	SCR	FR-4		Yes	No	No
Input module of ACE650F	Active filter	80	8.0∗3	250V 15A	SCR	FR-4		Yes	No	No
Input module of ACE900F	Active filter	80	11∗4	250V 20A	SCR	FR-4		Yes	No	No
Output module A–K	Forward converter	120	–	–	–	FR-4		Yes	Yes∗5	Yes∗7
Output module 2A–2K	Forward converter	120	–	–	–	FR-4		Yes	Yes∗5	Yes∗7
Output module L,M,N,P,R	Forward converter	120	–	–	–	FR-4		Yes	Yes∗5	No
Output module Y,W,Z,9,Q,V	Forward converter	120	–	–	–	FR-4		Yes	Yes∗6	No
Output module S,T,U	Forward converter	120	–	–	–	FR-4		Yes	Yes∗6	No

∗1 Input current is based on Model AC3-HEEC-00 outputs 250W at AC100V.
∗2 Input current is based on Model AC4-HHECC-00 outputs 400W at AC100V.
∗3 Input current is based on Model AC6-HHECC-00 outputs 600W at AC100V.
∗4 Input current is based on Model AC9-HHEECC-00 outputs 800W at AC100V.
∗5 Series operation is possible with the same output modules.
∗6 Series operation is possible, but series bar cannot be set by the series code.
∗7 Parallel operation is possible with the same output voltage module.

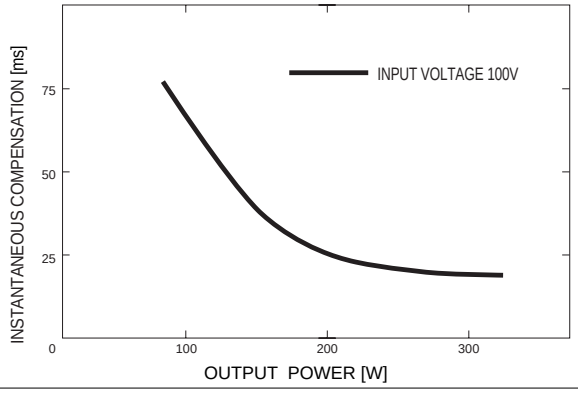
●RISE TIME & FALL TIME



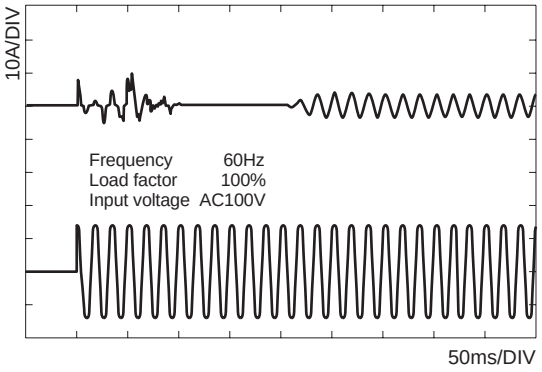
●OVER CURRENT CHARACTERISTICS



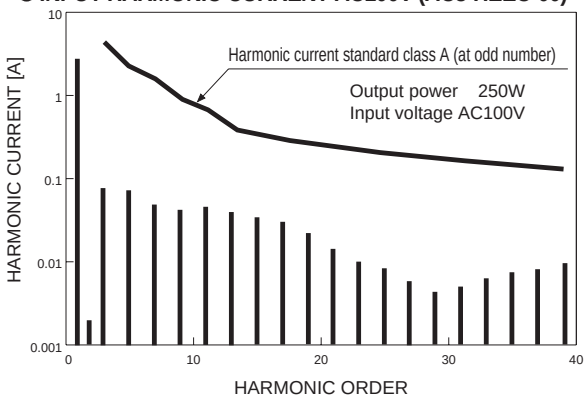
●INSTANTANEOUS INTERRUPTION COMPENSATION (AC3-HEEC-00)



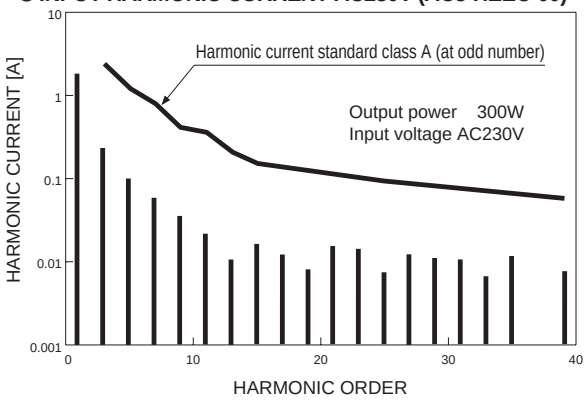
●INRUSH CURRENT (AC3-HEEC-00)



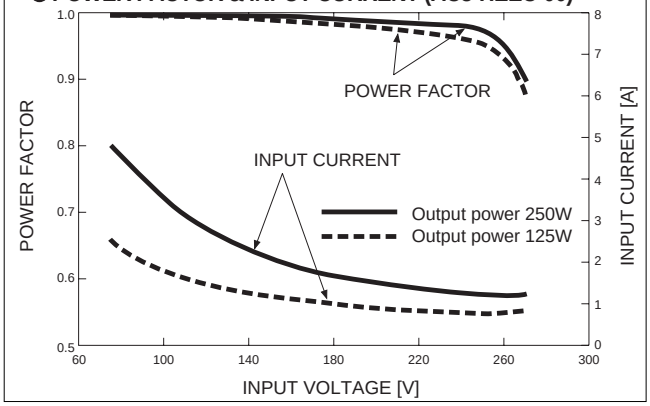
●INPUT HARMONIC CURRENT AC100V (AC3-HEEC-00)



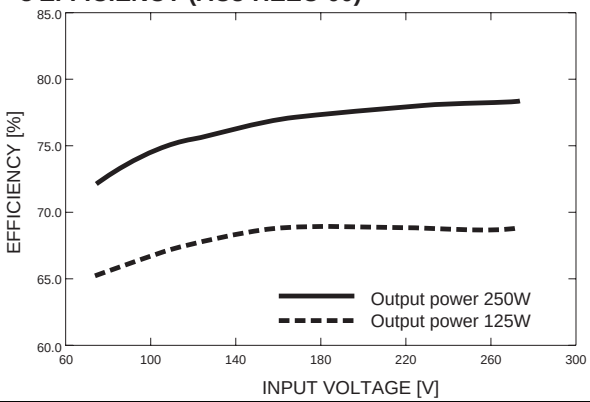
●INPUT HARMONIC CURRENT AC230V (AC3-HEEC-00)



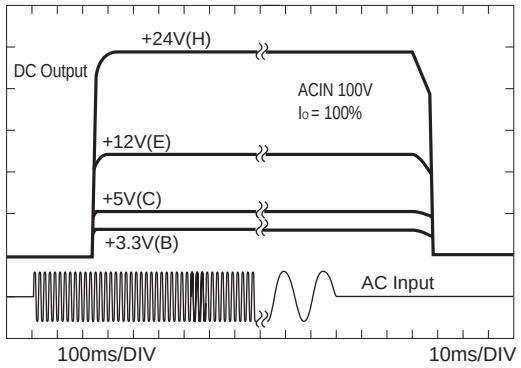
●POWER FACTOR & INPUT CURRENT (AC3-HEEC-00)



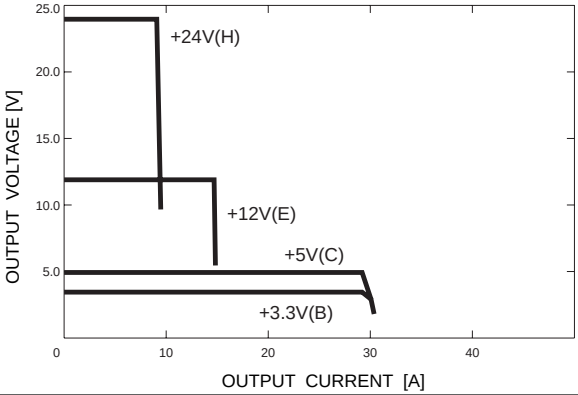
●EFFICIENCY (AC3-HEEC-00)



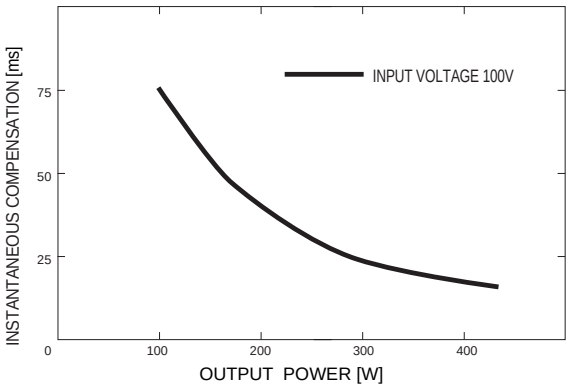
●RISE TIME & FALL TIME



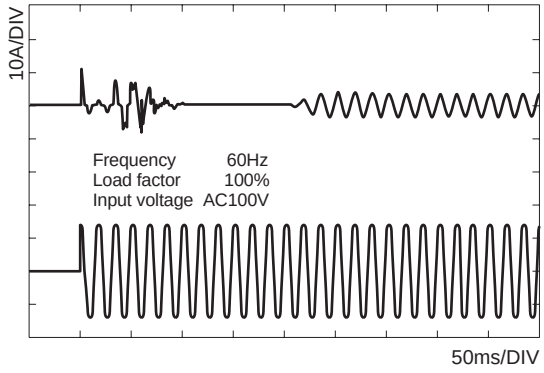
●OVER CURRENT CHARACTERISTICS



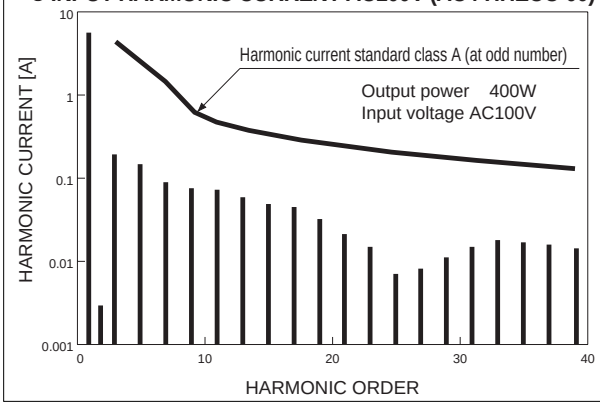
●INSTANTANEOUS INTERRUPTION COMPENSATION (AC4-HHECC-00)



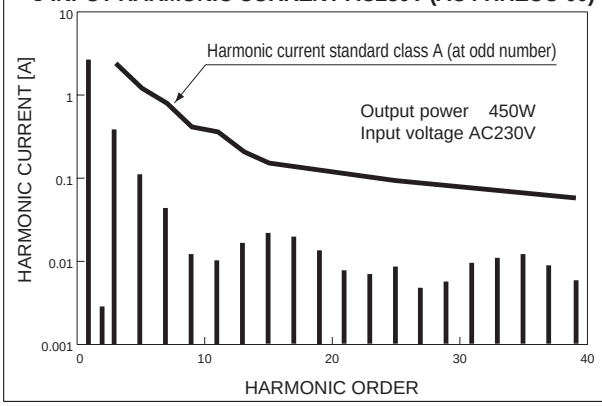
●INRUSH CURRENT (AC4-HHECC-00)



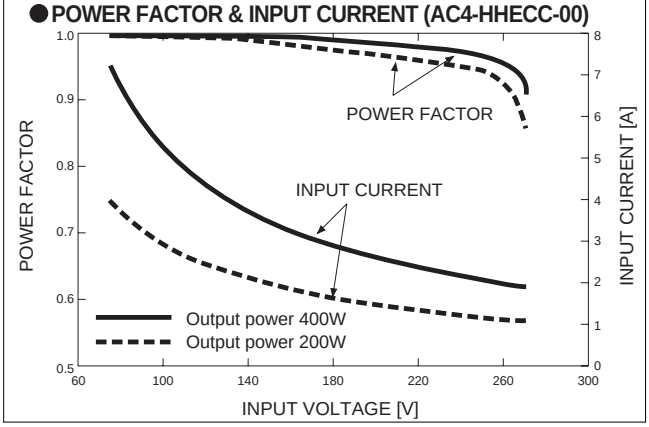
●INPUT HARMONIC CURRENT AC100V (AC4-HHECC-00)



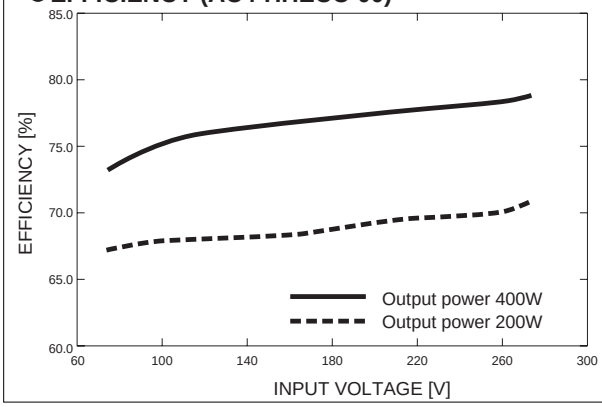
●INPUT HARMONIC CURRENT AC230V (AC4-HHECC-00)



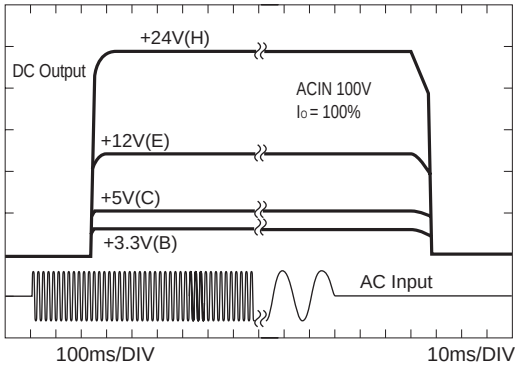
●POWER FACTOR & INPUT CURRENT (AC4-HHECC-00)



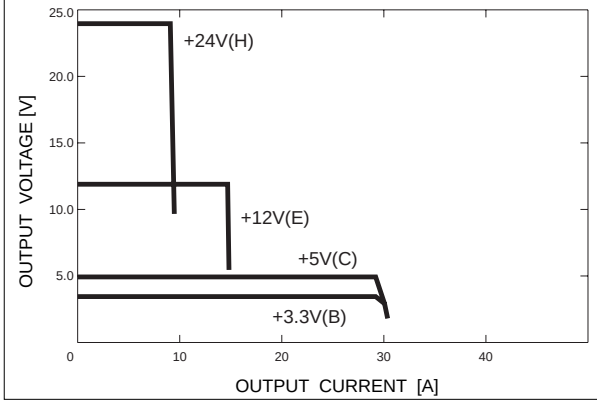
●EFFICIENCY (AC4-HHECC-00)



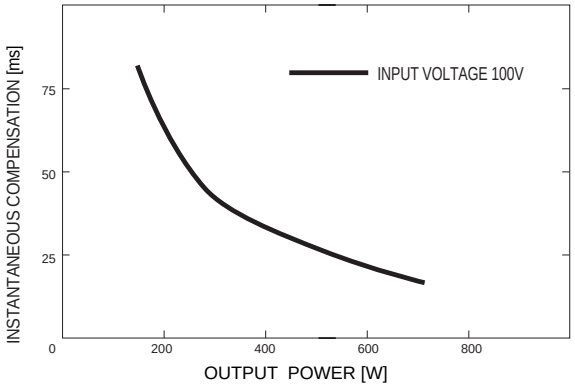
●RISE TIME & FALL TIME



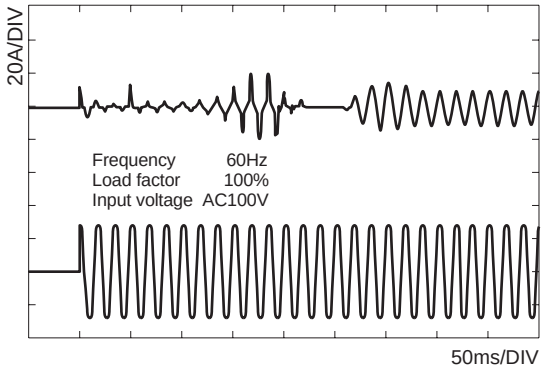
●OVER CURRENT CHARACTERISTICS



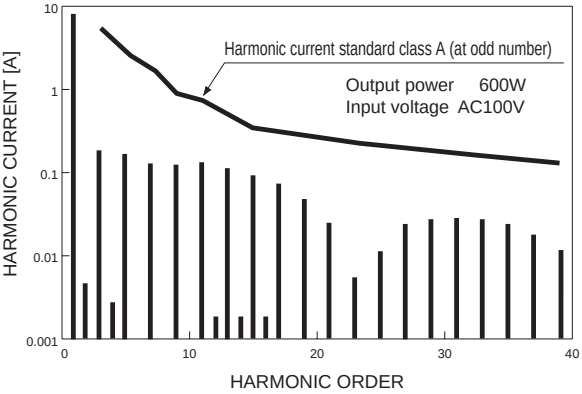
●INSTANTANEOUS INTERRUPTION COMPENSATION (AC6-HHECC-00)



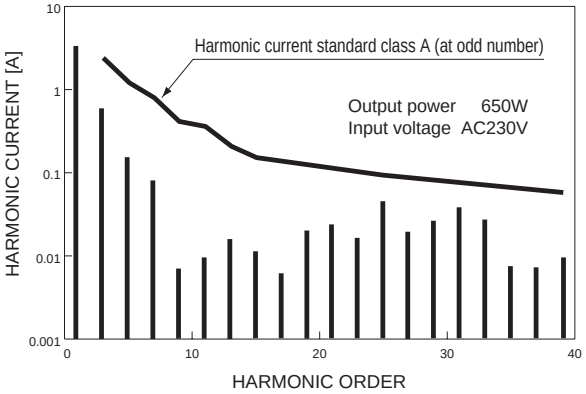
●INRUSH CURRENT (AC6-HHECC-00)



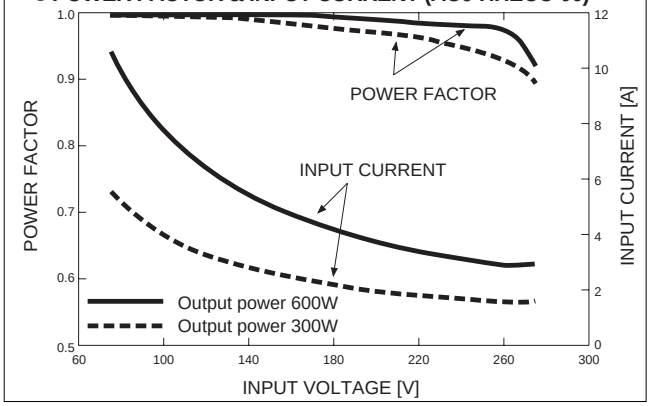
●INPUT HARMONIC CURRENT AC100V (AC6-HHECC-00)



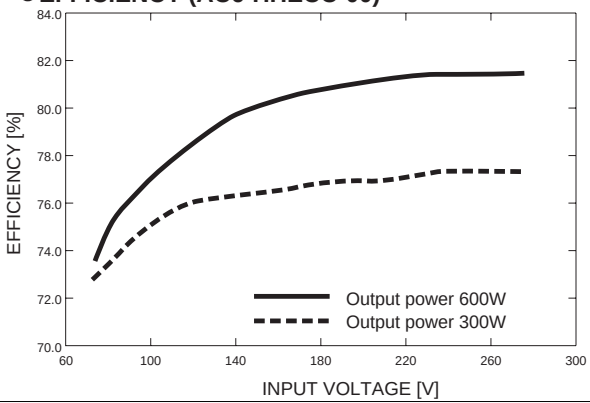
●INPUT HARMONIC CURRENT AC230V (AC6-HHECC-00)



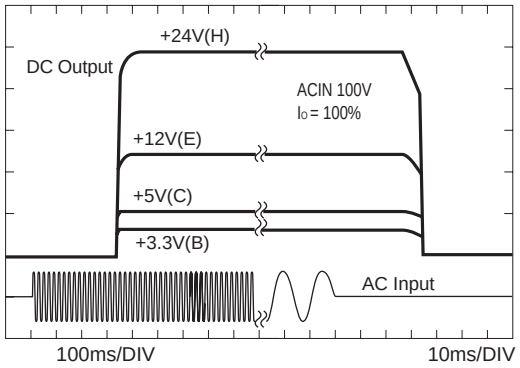
●POWER FACTOR & INPUT CURRENT (AC6-HHECC-00)



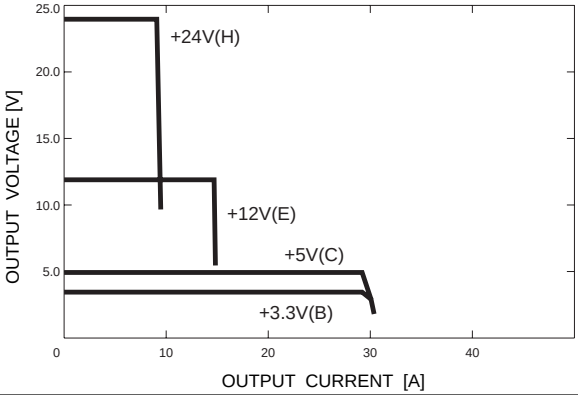
●EFFICIENCY (AC6-HHECC-00)



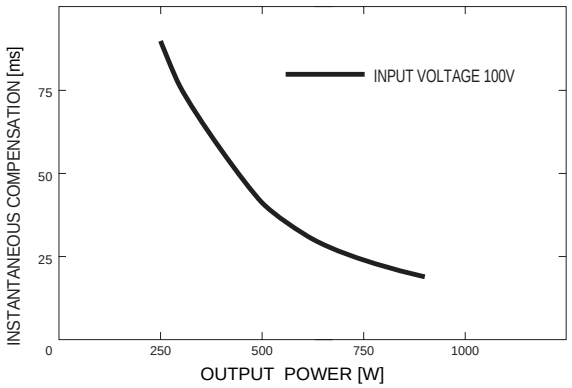
●RISE TIME & FALL TIME



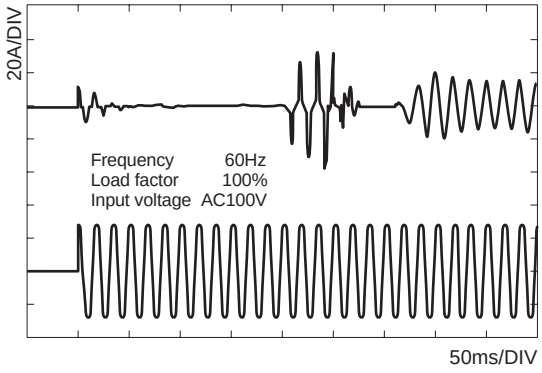
●OVER CURRENT CHARACTERISTICS



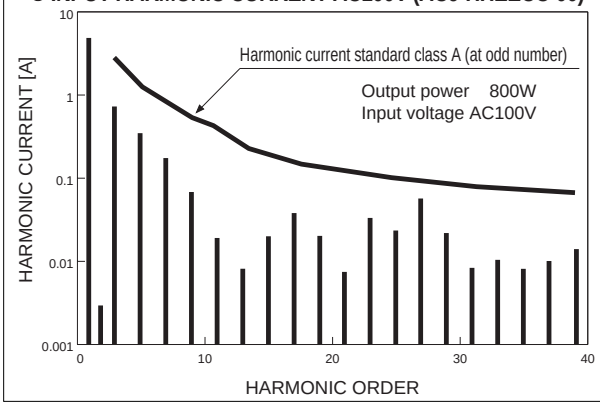
●INSTANTANEOUS INTERRUPTION COMPENSATION (AC9-HHEECC-00)



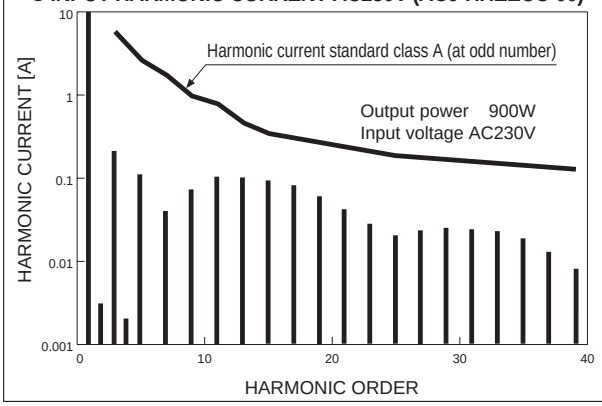
●INRUSH CURRENT (AC9-HHEECC-00)



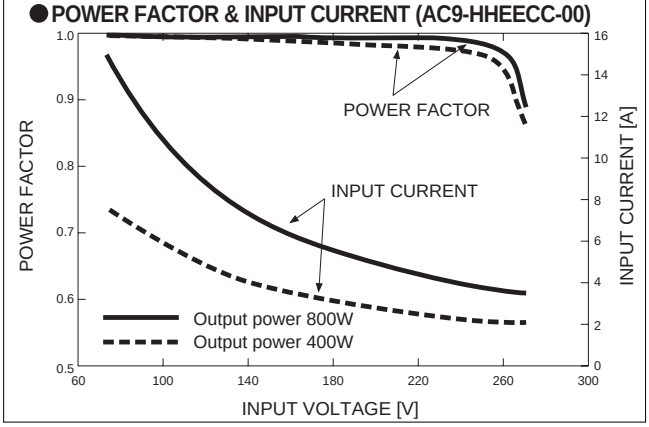
●INPUT HARMONIC CURRENT AC100V (AC9-HHEECC-00)



●INPUT HARMONIC CURRENT AC230V (AC9-HHEECC-00)



●POWER FACTOR & INPUT CURRENT (AC9-HHEECC-00)



●EFFICIENCY (AC9-HHEECC-00)