

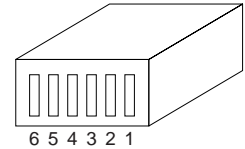
# ACE series

AC  -       -   -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩



- ① Abbreviation type name of ACE series
- ② Abbreviation power of ACE series  
3 : ACE300F  
4 : ACE450F  
6 : ACE650F  
9 : ACE900F
- ③ Slot 6 Output module
- ④ Slot 5 Output module
- ⑤ Slot 4 Output module
- ⑥ Slot 3 Output module
- ⑦ Slot 2 Output module
- ⑧ Slot 1 Output module
- ⑨ Parallel code
- ⑩ Option (series code)  
Refer to instruction manual 5.1  
Safety : UL2601-1, EN60601-1  
Refer to instruction manual 7. for details.



Slot  
\* The number of slot is different depending on the model.  
\* Empty slot is code:0

## SPECIFICATIONS

	MODEL	ACE300F	ACE450F	ACE650F	ACE900F	
INPUT	VOLTAGE[V]	AC85 - 264 1 φ / DC120 - 350 (option=-U AC70 or DC100 - refer to instruction manual 5)				
	FREQUENCY[Hz]	47 - 63				
	CURRENT[A]	AC100V *1	3.7typ	5.7typ	8.0typ	11typ
		AC200V *1	2.0typ	3.1typ	4.2typ	5.7typ
	POWER FACTOR	AC100V *1	0.99typ			
		AC200V *1	0.95typ			
	INRUSH CURRENT [A]	AC100V *2	15typ			
		AC200V *2	30typ			
	EFFICIENCY[%]	AC100V *1	74typ	75typ	77typ	77typ
		AC200V *1	78typ	78typ	80typ	80typ
LEAKAGE CURRENT[ma]	AC100V *3	0.5max				
	AC230V *3	0.95max				
OUTPUT	NUMBER OF SLOT	4	5	5	6	
	TOTAL OUTPUT[W]	AC90 - 150V *4	250	400	600	800 (Peak 1k)
		AC170 - 264V *4	300	450	650	900 (Peak 1k)
	START-UP TIME[ms]	500max (ACIN100V, Io=100%)				
	HOLD-UP TIME[ms] *1	20typ (ACIN100V, Io=100%)				
FUNCTION	AUXILIARY POWER (AUX)	12V 0.1A (Only for Remote ON/OFF) (option=-J 5V0.1A)				
	ALARM (PR)	FAN alarm, LINE alarm				
ISOLATION	INPUT-OUTPUT, RC, AUX	AC3,000V 1minute, Cutoff current=10mA, DC500V 50MΩ min (At Room Temperature)				
	INPUT-FG	AC2,000V 1minute, Cutoff current=10mA, DC500V 50MΩ min (At Room Temperature)				
	OUTPUT, RC, AUX(PR)-FG *5	AC500V 1minute, Cutoff current=100mA, DC500V 50MΩ min (At Room Temperature)				
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE *4	-20 to +70°C, 20 - 90%RH (Non condensing) 3,000m (10,000feet) max				
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing) 3,000m (10,000feet) max				
	VIBRATION	19.6m/s <sup>2</sup> (2G) , 10 - 55Hz, 3minutes period, 60minutes each along X, Y and Z axis				
	IMPACT	196.1m/s <sup>2</sup> (20G) , 11ms, once each X, Y and Z axis				
SAFTY AND NOISE REGULATIONS	AGENCY APPROVALS	UL60950, C-UL (CSA60950), EN60950, EN50178, Complies with DEN-AN (At only AC input) UL2601-1, EN60601-1 (At only AC input) (Refer to instruction manual 7)				
	CONDUCTED NOISE	Complies with FCC-B, VCCI-B, CISPR22-B and EN55022-B				
	HARMONIC ATTENUATOR	Complies with IEC61000-3-2				
OTHERS	CASE SIZE *6	103X63.5X254mm (W X H X D)	127X63.5X254mm (W X H X D)	127X63.5X279mm (W X H X D)	177.5X63.5X254mm (W X H X D)	
	WEIGHT[kg]	1.7max	2.2max	2.4max	3.0max	
	COOLING METHOD	Forced cooling (built-in)				

\*1 In case of modular power supply, the value changes by composing and load factor of installed output modules.  
The values in specifications mean each of the model are composed of voluntary modules that are 5V (code : C), 12V (code : E), 24V (code : H) and the output power is total output wattage under the prescribed conditions. \*2 More than 3sec. to restart. Io=100%  
\*3 Complies with IEC60950 and DEN-AN 60Hz and 100% load. \*4 Refer to instruction manual 4.2 Derating in detail.  
\*5 Each output module, RC and AUX are isolated. \*6 Case size contains neither the terminal blocks, screw nor. \* A sound may occur from power supply at pulse loading.