

HONGFA UEQ5 SERIES AUTOMATIC TRANSFER SWITCH (ATS)



UEM5 Series Automatic Transfer Switch (ATS) is applicable to the double-circuit power supply (power distribution to power distribution, or power distribution to generator), rated frequency 50Hz/60Hz, and rated voltage 400V. The power is shifted automatically when one power breaks down, which ensures the reliability and safety of the power supply and makes the power switch to achieve the intelligent unmanned operation and remote control.

The device adopts a motor-driven operation mechanism with patent technique, providing with multifunctional intelligent controllers to meet various market demands.

Standards:

IEC 60947-6-1 low voltage switch and control equipment

Part6-1: multi functional electric devices, transfer switch electric devices. Operating temperature: $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Storage temperature: $-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$

UEQ5 ATS Table 1 Main Specifications (UEQ5-63 to UEQ-250)

Type	UEQ5-63	UEQ5-100	UEQ5-250
Implementation of circuit breaker	UEB-63	UEM5-100	UEM5-250
Rated insulation voltage U_i (V)	500		800
Rated operating voltage U_e	230/400		400
Rated impulse withstand voltage U_{imp} (kV)	6		8
Rated current I_n (A)	6, 10, 16, 20, 25, 32, 40, 50, 63	16, 20, 25, 32, 40, 50, 63, 80, 100	100, 125, 140, 160, 180, 200, 225, 250
Number of poles	2, 3, 4		3, 4

UEQ5 ATS Table 1 Main Specifications (UEQ5-63 to UEQ-250) (Continuation)

Type	UEQ5-63	UEQ5-100	UEQ5-250
Rated short circuit making capacity I _{cm} (kA)	7.5	154/105	154/105
Rated short circuit making capacity I _{cn} (kA)	5	75/50	75/50
Conversion time (without delay settings)	<2S		
Mechanical life (cycles)	10000		
Overload protection	Optional*		
Short-circuit protection	With		

UEQ5 ATS Table 1 Main Specifications (UEQ5-400 and UEQ-800)

Type	UEQ5-400	UEQ5-800
Implementation of circuit breaker	UEB-63	UEM5-250
Rated insulation voltage U _i (V)	800	
Rated operating voltage U _e	400	
Rated impulse withstand voltage U _{imp} (kV)	8	
Rated current I _n (A)	225, 250, 315, 350, 400	400, 500, 630, 700, 800
Number of poles	3, 4	
Rated short circuit making capacity I _{cm} (kA)	220/105	
Rated short circuit making capacity I _{cn} (kA)	100/50	100/50
Conversion time (without delay settings)	<2.5S	
Mechanical life (cycles)	5000	
Overload protection	Optional*	
Short-circuit protection	With	