

HONGFA UET6 SERIES AUTOMATIC TRANSFER SWITCH (ATS)



The UET6 series automatic transfer switch is a high-tech product with latest technology. The components and parts have passed through rigorous aging screening. The finished products are tested for 168h with ongoing power, which ensures the reliability and security. The series can be applied to the state level first class electrical load, and it can be widely used in the occasions require continuous power supply, including fire protections, communications, hospitals, hotels, highrise buildings, assembly lines and television stations. The main power supply and the emergency power supply can be state grid, self-starting engine block or storage batteries.

Standards:

IEC 60947-6-1 low voltage switchgear and control equipment
Part 6-1 Multifunction electrical appliance Automatic Transfer Switch

UET6 ATS Table 1 Main Specifications

Type	UET6 Two-Ways Type			
Insulation voltage	AC800V			
Impulse withstand voltage	8kA			
Rated voltage	AC400V (AC660V/690V, DC 125V/250V)			
Rated current (A)	20, 40, 63	80, 100, 125	160, 200, 225, 250	350, 400, 500
Number of throw	double throw			
Connecting mode	Wiring in front of the board			

UET6 ATS Table 1 Main Specifications (Continuation)

Type		UET6 Two-Ways Type											
Number of poles		2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Weight (kg)		4.5	5	5.5	5	6.3	6.8	6	6.6	7.3	11	15	18
Operation current	DC110V/125V	6	6	8	6	6	8	6	8	10	10	10	14
	AC110V/110V	6	6	8	6	6	8	6	8	10	10	10	14
	AC200V/220V.230V	3	3	4	3	3	4	3	4	5	5	5	7
Performance	Short-time withstand current	10kA						15kA			20kA		
	Rated limited short-circuit current (fuse Protection)	100kA						120kA					
	Rated limited short-circuit current (breaker Protection)	50kA						65kA					
	Making and breaking capacity	AC-33B(10le making, 10le breaking) $\cos\Phi=0.35$ (when $le\leq 100A$, $\cos\Phi=0.45$) DC-33B(4le making, 4le breaking) L/R=2.5m.s											
	Switching	Common usage → Backup usage	$\leq 0.2S$										
	Time	Backup usage → Common usage											
Service life		Electrical life 6,000 cycles and mechanical life 20,000 cycles											
Operating cycle frequency		120 times per hour											
Auxiliary Switch		2 ON, 2 OFF for both Common usage & Backup usage side. Switching capacity AC: 100V5A/AC:220V3A DC200Vo.2A											
Accessory		Operating handle											

UET6 ATS Table 1 Main Specifications (Continuation)

Type	UET6 Three-Ways Type
Insulation voltage	AC800V
Impulse withstand voltage	8kA
Rated voltage	AC400V

UET6 ATS Table 1 Main Specifications (Continuation)

Type		UET6 Three-Ways Type																			
Rated current (A)		20~63			80~125			160~250			350~500			630~800		1k~1.25k		1.6k		1.6k~2.5k	
Number of throw		Double throw																			
Connecting mode		Wiring in front of the board												Wiring on back of the board (for special requirement)							
Number of poles		2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P	3P	4P	3P	4P	3P	4P	3P	4P
Weight (kg)		5.5	5.8	6.4	6	6.5	7.2	6	7.1	7.7	11	15	17.8	38	43	54	68.6	115	135	124	140
Operation current (A)	DC110V/125V	6	6	8	6	6	8	6	8	10	10	10	14	12	12	16	18	20	24	24	28
	AC110V/110V	6	6	8	6	6	8	6	8	10	10	10	14	12	12	16	18	20	24	24	28
	AC200V/220V.230V	3	3	4	3	3	4	5	5	5	5	5	6	6	6	6	9	10	12	12	16
Escape Current (A)	DC110V/125V	2						3			4						6				
	AC110V/110V	2						3			4						6				
	AC200V/220V/230V	1						1.4			2						2				
Performance	Short-time withstand current	10kA						15kA			20kA			25kA		32kA		40kA		50kA	
	Rated limited short-circuit current (fuse Protection)	100kA						120kA													
	Rated limited short-circuit current (breaker protection)	50kA						65kA						50kA							
	Making and breaking capacity	AC-33B(10le making, 10le breaking) $\cos\Phi=0.35(\leq 100A, \cos\Phi=0.45)$ DC-33B(4le making, 4le breaking) L/R=2.5m.s																			
	Switching	UET6 ATS Table 1 Main Specifications (Continuation)																			
	Time	$\leq 0.2S$																			
	Service life	Electrical life 6,000 cycles and mechanical life 20,000 cycles																			
Operating cycle frequency	120 times per hour																				
Auxiliary switch	2 ON, 2 OFF for both Common usage & Backup usage side. Switching capacity AC: 100V5A/AC:220V3A DC:200Vo.2A																				
Accessory	Operating handle																				