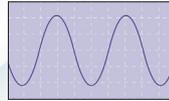




KEY130S / KEY160S / KEY180S / KEY1001S / KEY230S / KEY260S / KEY280S / KEY1002S



KEY1015S / KEY2015S

KEY SERIES (300W~1.5KW) Normal Class

PARAMETER	KEY130S	KEY160S	KEY180S	KEY1001S	KEY1015S	KEY230S	KEY260S	KEY280S	KEY1002S	KEY2015S	
DC input voltage	12V					24V					
DC voltage standard	13.4V					26.4V					
AC voltage standard	AC225V					AC225V					
Output power continuous	300W	600W	800W	1000W	1500W	300W	600W	800W	1000W	1500W	
Surge rating	600W	1200W	1500W	2000W	3000W	600W	1200W	1500W	2000W	3000W	
Efficiency et rated power	86%					89%					
THD [max]	240W 0.8%	360W 1.1%			1000W 1.1%	240W 0.8%	360W 1.1%			1000W 1.1%	
No load current	no fan	0.77A	0.62A	0.63A	0.66A	0.80A	0.42A	0.38A	0.44A	0.41A	0.40A
	on fan	1.00A	0.80A	0.82A	0.84A	1.15A	0.61A	0.49A	0.55A	0.45A	0.66A
Low battery shut down	10.2V					20.0V					
Low battery return on power	11.2V					22.4V					
High battery shut down	17.2V					31.7V					
High battery return on power	15.2V					30.0V					
Frequency[50/60] selection	60HZ	60HZ (50hz/60hz select switch)				60HZ	60HZ (50hz/60hz select switch)				
Regulation	Max 5%					Max 5%					
Over temperature protection	-25°C ~ +72°C (75°C±5°C)					-25°C ~ +72°C (75°C±5°C)					
Over temperature power on	58°C					58°C					
Output wave form	Pure sine wave (D.S.P)					Pure sine wave (D.S.P)					
Cooling fan [auto fan]	Fan on temperature 43°C (±0.5°C)					Fan on temperature 43°C (±0.5°C)					
Insulation transformer	2KV ~ 2.5KV					2KV ~ 2.5KV					
Over load protection	Input sensor	-	-	-	-	-	-	-	-	-	
	Input fuse	30A(1EA)	30A(2EA)	40A(2EA)	40A(2EA) 30A(1EA)	40A(2EA)	20A(1EA)	30A(1EA)	40A(1EA)	30A(2EA)	40A(2EA)
	Output sensor	-	-	-	20A(Sensor)	20A(Sensor)	-	-	-	20A(Sensor)	20A(Sensor)
	Output circuit breaker	2A(Fuse)	3.5A(Fuse)	4A(Fuse)	5A(Fuse)	10A(Fuse)	2A(Fuse)	3A(Fuse)	4A(Fuse)	5A(Fuse)	10A(Fuse)
	AC outlet/terminal	1P Socket*2ea(15A)			2P Outlet 16A		1P Socket*2ea(15A)			2P Outlet 16A	
Dimensions [W×H×D(mm)]	186×76×220	186×76×240	186×76×270	186×76×290	195×89×365 186×76×365	186×76×220	186×76×240	186×76×270	186×76×290	195×89×365 186×76×365	
Weight	2.0kg	1.5kg	1.7kg	2.9kg	4.4kg/3.5kg	2.0kg	1.5kg	1.7kg	2.9kg	4.4kg/3.5kg	

PRODUCT IN USE

Induction electric stove, Precision test equipment, Precision medical equipment, Precise audio-video equipment, Electric rice cooker(inverter type), Electric pad(inverter type), Electric fan, Refrigerator(inverter type), Import refrigerator, Microwave oven, Charger(electric, communication transmit-recvie, charge park), Electric three-phases inverter, Motor controller, LED bulb, Laser printers, Solar lamp, Mercury/Halogen/HQI lamp, Non-linear loads[motor, coil, etc], Other electrical or electronic equipment, and equipment while could experience malfunction due to similar step form waves

ON/OFF SURGE

When turned-on, by controlling surge time from DSP program for more than 1.5 seconds, we can realize stronger surge in absorbing power of motor, fridge & etc, and when turned-off, as extinguishing time of lamp is around 2.5 seconds, the operation of turn-on switch will be stopped till complete lights-out, so all the equipments connected can be protected and remaining current in purse & circuit can be erased, by blocking sudden re-operation or repetitive on/off.

BLOCKING OVERLOAD

By sensing higher operation of load than equipment via self-diagnosis(DSP) program three times, if we could find excessed load capacity than given one, then it would be blocked automatically while less load capacity than given one would make it operate.

* Specification of the product may change without notification for the improvement of performance.