



IEG Series Online UPS Model IEG-RM



UPS System

The UPS work as backup power in the whole data center system, the IEWATT UPS 1 in 1 out series cover the range of 1~10KVA, all with the rack mounted 19" and modular design, all UPS system



IEG series 1 in 1 Out Rack Mounted UPS

Model	IEG-01RM	IEG-02RM	IEG-03RM	IEG-06RM	IEG-10RM
Capacity	1KVA/1KW	2KVA/2KW	3KVA/3KW	6KVA/6KW	10KVA/10KW
UPS Structure	Online Double Conversion				
Appearance	Tower or Rack mount structure design				
Overall Efficiency	> 95% (98.5% under ECO mode)				
Noise (In 2 meters)	< 50dB				
Working Temp	-10-40℃				
Storage Temp	-15-60℃ (without batteries)				
Humidity	< 20-95% Non-Condensing				
Input Voltage	110-280Vac				
Input Freq	40-70Hz				
Maintenance bypass protection	/			optional	
Alarm	Overload, Short-Circuit, Over Temp., Utility Power Voltage High/low, BAT Voltage High/low				
ECO mode	available				
EPO mode	available				
DC start	available				
Generator compatibility	available				
Display	LCD Display: Multi-Language with all kinds of messages. Input/ Output /bypass Status, ECO Mode , charging status, load status, Rectifier status, INV. Temp, LED Indicators: UPS States Indicator			LCD Display: Multi-Language with all kinds of messages. Input/ Output /bypass Status, ECO Mode , charging status, load status, Rectifier status, INV. Temp, Colored LCD screen: Working (days); SN; Calendar、time; UPS model & structure; Version No.; history log records; history fault records; language set; ECO set; time & calendar set; battery test & so on. LED Indicators: UPS States Indicator	
Mute	Automatic				
Cabinet Standard	IP20				
Cooling System	Intelligent Speed Control Cooling Fan				
Altitude	<11000M, Without Derated, 1000m <altitude< 4500m, refer to IEC62040				

Output Specification						
Output Voltage	220/230/240Vac					
Output PF	0.9					
Output Voltage Regulation	220Vac±1% (Static Load); 220Vac±2% (50-0% Sudden Change); 220Vac±5% (100-0% Sudden Change)					
Output Freq (utility)	50-60Hz					
Output Freq (Battery)	50Hz±0.1% (Battery mode)					
Wave form	Pure sine wave					
Distortion	< 2% (Linear Full Load), < 4% (100% Non-Linear Full Load)					
Overload	◆ Utility mode: 105%~125% load, more than 10mins, 125%~150% load, 30s ◆ Battery mode: 105%~125% load, more than 1mins, 125%~150% load, 10s,					
Crest Ratio	3 : 1					
OverloadCapacity	YES					
Short circuit	Circuit Auto Protection, Output Voltage/Current 0					
Output Abnormal	INV. Output Auto-Locked Protection					
Noise Suppression	EMI/RFI Wave Filter					
Battery voltage low	Shut down protection					
Dynamic Response	3% at full load, recovering in 20ms					
Auto restart function	available					
Software set on/off	available					
Bypass Specification						
Static Bypass Transfer Time	0ms (the Static breaker phase lock control technology)					
Static Bypass Range	80Vac±5%~285Vac±5%					
Bypass -> INV Transfer Time	< 4ms			< 2ms		
Battery Specification						
Type	Sealed Lead Acid Maintenance Free					
Model Rated Volts/Units	12V/7Ah*2nos	12V/7Ah*4nos	12V/7Ah*6nos	12V/9Ah*16nos		
Backup Time(100% Load)	7min	7min	7min	7min	7min	
Ext. Model rated voltage	36Vdc	72Vdc	96Vdc	192 Vdc default /240Vdc (optional)		
Charging current	Std.Built-in model 1A、Ext. model 5-10A			Std. Built-in model 1A、Ext. model 6-12A		
Communication Specification						
Communication Port	Std.RS232/EPO; SNMP/485/dry contact (optional)					
Remote Software	Multi-functional Monitoring System, Online and BAT Mode Status, utility fault, BAT Fault, Remote Control					
Physical Parameters						
Size mm (W×D×H)	Std. type	144×282×214	144×397×214	190×421×318	190×360×670	
	Ext. type			144×397×214	190×360×335	
	RM/RT type	440×450×88/2U			440×470×88/2U	
Weight Kg	Std./ Ext.	9/5	15/7	20/7.5	46/10	47/10.5
	RM/RT type	5	7	8	10	10.5



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