

IR 6048 POWER INVERTER/CHARGER

MODEL		IR6048-6KW
Default Battery System Voltage		48V
INVERTER OUTPUT	Reted Power	6000W
	Surge Rating (20ms)	18000VA
	Waveform	Pure sine wave/ same as input (bypass mode)
	Nominal Output Voltage RMS	220V/230V/240VAC
	Output Voltage Regulation	±10% RMS
	Output Frequency	50Hz/60Hz±0.3 Hz
	Inverter Efficiency(Peak)	>88%
	Line Mode Efficiency	>95%
	Power Factor	1
	Typical Transfer Time	10ms(max)
AC INPUT	Voltage	120VAC/230VAC
	Selectable Voltage Range	96~132VAC- 155~280VAC
	Frequency Range	50Hz/60Hz (Auto sensing) 40~80Hz
BATTERY	Minimum Start Voltage	42.0 VDC
	Low Battery Alarm	42VDC
	Low Battery Cutoff	40VDC
	High Voltage Alarm	64.0VDC
	High Battery Voltage Recover	62VDC
	Idle Consumption-Search Mode	<25W when power saver on
CHARGER	Output Voltage	Depends on battery type/Selectable
	Charger AC Input Breaker Rrating	40A
	Overcharge Protection S.D.	62.8VDC
	Maximum Charge Current	50A
BTS	Continuous Output Power	Yes Variances in charging voltage & S.D. voltage base on the battery temperature
	Input Voltage Waveform	Sine wave (grid or generator)
BYPASS & PROTECTION	Nominal Input Frequency	50Hz
	Overload Protection (SMPS Load)	Circuit breaker
	Output Short Circuit Protection	Circuit breaker
	Bypass Breaker Rating	40A
	Max Bypass Current	40Amp
MECHANICAL SPECIFICATIONS	Mounting	Wall mount
	Dimensions (W*H*D)	597*224*181
	Net Weight (kg)	44
OTHER	Operation Temperature Range	0°C to 40°C
	Audible Noise	60dB MAX
	Display	LED+LCD
	Standard Warranty	1 year