



GREENPOWER[®]
Zero Emission Technology

Online UPS
Never
stop in the
Dark

Three Phase Online UPS



Three Phase Online UPS

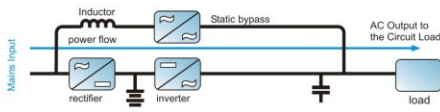
GreenPower GPOT UPS is one of the most efficient and reliable three-phase Isolated UPS systems, providing best-in-class efficiency, output performance and critical power protection for your equipment needs. The GPOT Series UPS solutions are optimized to provide high efficiency at part load conditions.

The GPOT Series UPS helps assure low input current harmonic distortion, best-in-class output voltage regulation and dynamic response. This helps customers save operational costs while implementing environmentally-friendly solutions.

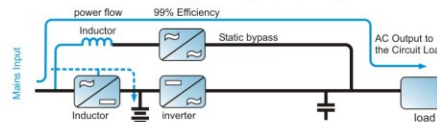
Model	GPOT Series												
Output Rating	6KVA	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA	100KVA	150KVA	180KVA	200KVA

TECHNICAL SPECIFICATION	
Efficiency in double conversion mode (full load)	95%
Efficiency in double conversion mode (half load)	93.5%
Phase	Three Phase
User Interface	Large LCD Display
Wave form	Pure Sine Wave
Field upgradeable	Yes
Surge Protection	Yes
Protection Devices	Over-current, short circuit, over-voltage, undervoltage, thermal & excessive low battery protection
Inverter/rectifier	IGBT Technology
Isolation	Built-in Ultra Isolation Transformer
Topology	True online double conversion
Audible noise	< 65 dB
Altitude (max)	1000 m without de rating (max 2000 m)
Ambient Temperature	0°C~+40°C
Relative Humidity	<95% non condensing
Input	
Input wiring	3 ph + N + E
Nominal voltage rating (configurable)	220/380, 230/400, 240/415 V
Input voltage range	Low -20% at 100% load/-50% at 50% load without battery discharge; High +10%/max +20%
Input frequency range	50~60Hz
Input ITHD	less than 4,5%
Soft start capability	Yes
Internal back feed protection	Yes
OutPut	
Output wiring	3 ph + N + E
Nominal voltage rating (configurable)	220/380, 230/400, 240/415 V
Output Frequency Range	50~60 Hz
Output UTHD	<3% (100% linear load); <5% (reference non linear load)
Power factor	0.9
Overload on inverter	10 min 100-110%; 30 sec 110-125%; 10 sec 125-150%; 300 ms >150%
Overload when bypass available	Continuous 100-110%, 10 min 110-150%, 5 ms 1000% Note! Bypass fuses may limit the overload capability
Battery	
Type	Maintenance free Batteries,
Charging method	Advance Battery Management technology or Float
Communications	USB/RS242, Slot for communication interface
Standard	CE Mark, IEC 62040-1, IEC 62040-2, IEC 62040-3, IEC 60950
Safety Standard	EN/IEC 62040-1
EMC Standard	EN/IEC 62040-2

GPOT Double Conversion 3 Level Converters



GPOT Boost Technology for High Efficiency



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