



ePower+ Series 10~120 KVA 3:3 Phase PF: 0.9



100K/120K

60K/80K

30K/40K

20K

10K/15K



Package & Accessory



Software CD



User manual

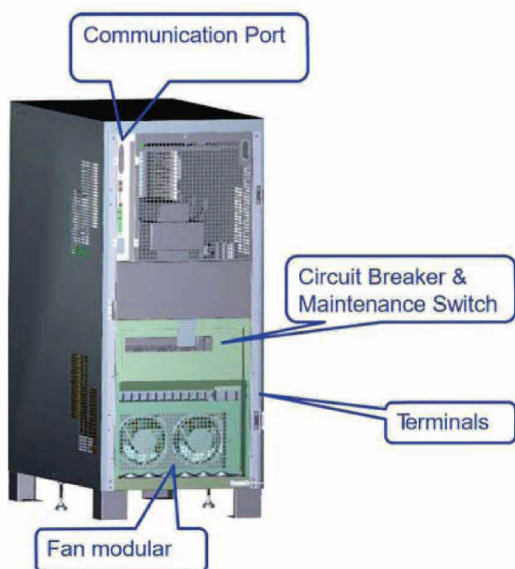


USB & RS232 cables

SNMP Web Card



Modbus Card



Features:

- Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- Control designed to withstand all kinds of loads
- Intelligent battery management to prolong battery lifecycle
- Redundant fan design and independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input
- Parallel operation with up to 8 units (option)
- Variety of communication options available
- input power factor ≥ 0.95

ePower+ Series (10~120 KVA)

► Technical Specifications

MODEL		ePower+ 10K	ePower+ 15K	ePower+ 20K	ePower+ 30K	ePower+ 40K	ePower+ 60K	ePower+ 80K	ePower+ 100K	ePower+ 120K
CAPACITY		10KVA/9KW	15KVA/13.5KW	20KVA/18KW	30KVA/27KW	40KVA/36KW	60KVA/54KW	80KVA/72KW	100KVA/90KW	120KVA/108KW
INPUT										
Nominal Voltage		3 x 380VAC/400VAC/415VAC (3Ph + N)								
Acceptable Voltage Range		285VAC ~ 475VAC								
Frequency		50/60 Hz ± 10 %								
INVERTER										
Nominal Voltage		3 x 380VAC/400VAC (3Ph + N)								
Precision		Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)								
Frequency		50/60 Hz synchronised ±1 % With mains absent ±0.1 Hz								
Max. Synchronisation Speed		±1 Hz/s								
Waveform		Pure Sinewave								
Total Harmonic Distortion (THDv)										
Phase Displacement		120º ±1% (balanced load) 120º ±2% (imbalances 50% of the load)								
Dynamic Recovery Time		3 cycles at 90 % of the static value								
Admissible Overload		120% for 10min; 150% for 60sec ; >160% for 200ms								
Admissible Crest Factor		3:1								
Admissible Power Factor		0.6~1 (inductive or capacitive)								
Imbalance Output Voltage @ 100% Unbalanced Load		<1%								
Current Limit		High overload, short-circuit: RMS Voltage Limit High Crest-Factor current: Peak Voltage Limit								
STATIC BYPASS										
Type		Solid state								
Voltage		3 x 380VAC/400VAC (3Ph + N)								
Frequency		50/60 Hz								
Activation Criterion		Microprocessor control								
Transfer Time		Zero								
Admissible Overload		150% for 1 hour; 180% for 30sec; >200% for 200ms								
Transfer to Bypass		Immediate, for overloads above 160%								
Retransfer		Automatic after alarm clear								
MAINTENANCE BYPASS										
Type		Without interruption								
Voltage		3 x 400V (3Ph + N)								
Frequency		50/60 Hz								
Overall Efficiency	Line Mode	91.5%	91.5%	92.5%	93.5%	94.5%				
	Battery Mode	91.5%	91.5%	92.5%	94.5%	94.5%				
BATTERY & CHARGER										
Battery Type and Numbers		12VDC x 32 pcs (29~32 pcs adjustable)								
Nominal Battery Voltage		384 VDC (Based on 32pcs batteries)								
Charging Method		CC/CV								
Charging Current		Default 10A, Max. = Capacity / Battery Voltage				Default: 10A, Max. 40A				
Charging Voltage		432 VDC (Based on 32pcs batteries)								
PHYSICAL										
Dimensions, D x W x H(mm)		656 x 405 x 817		656 x 405 x 941		821 x 432 x 1159		975 x 554 x 1286		975 x 635 x 1326
Net Weight (Kgs)		118	120	179	241	278	400	471	573	650

* Product specifications are subject to change without further notice

Manufactured by:



S.Power B.P.E. Pvt. Ltd.
Kalanki, Kathmandu, Nepal
Telephone: 01-5224159, 01-5224160
Website: www.spowerbpe.com

Distributor :

