

Online UPS 3Phase Out





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



MADE IN TURKEY



Package & Accessory



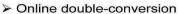
SNMP Web Card

Modbus Card

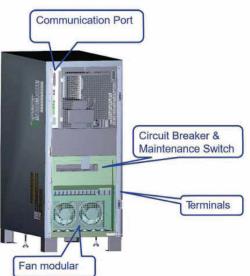








- > DSP technology guarantees high reliability
- > True galvanic isolation transformer design
- > Control designed to withstand all kinds of loads
- Intelligent battery management to prolong battery lifecycle
- ➤ Redundant fan design and independent ventilation enhance durable operation under harsh environment
- > 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/1080KV	
NPUT											
lominal Voltage						3 x 380VAC/400VAC/4	115VAC (3Ph + N)				
Acceptable Voltage Range		285VAC~475VAC									
Frequency		50/60 Hz±10 %									
NVERTER											
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	r.				
otal Harmonic Dis	stortion (THDv)										
Phase Displacement		120° ±1% (balanced load) 120° ±2% (imbalances 50% of the load)									
Dynamic Recovery Time		3 cycles at 90 % of the static value									
Admissible Overload					120% for 10	Omin; 150% for 60sec	; >160% for 200ms				
Admissible Crest Factor						3:1					
Admissible Power Factor							nacitive)				
mbalance Output Voltage @ 100%		0.6~1 (inductive or capacitive) <1%									
Unbalanced Load Current Limit		High overload, short-circuit: RMS Voltage Limit									
urrent Limit					High Cre	st-Factor current: Pe	ak Voltage Limit				
TATIC BYPASS											
/pe						Solid state					
/oltage		3 x 380VAC/400VAC (3Ph + N)									
requency		50/60 Hz									
	n.					Microprocessor co	ntrol				
ctivation Criterio	n.					Microprocessor co Zero	ntrol				
ctivation Criterion					150% for 1						
ctivation Criterion ransfer Time dmissible Overloa	a d					Zero hour; 180% for 30sec	; >200% for 200ms				
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass	a d				Imm	Zero	; >200% for 200ms above 160%				
ctivation Criterion ransfer Time dmissible Overloo ransfer to Bypass letransfer	ad				Imm	Zero hour; 180% for 30sec ediate, for overloads	; >200% for 200ms above 160%				
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer	ad				Imm	Zero hour; 180% for 30sec ediate, for overloads Automatic after aları	; >200% for 200ms above 160% n clear				
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer MAINTENANCE BYF	ad				Imm	Zero hour; 180% for 30sec ediate, for overloads Automatic after alari Without interrup	; >200% for 200ms above 160% n clear				
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer to AINTENANCE BYP ype	ad				Imm	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400V (3Ph+	; >200% for 200ms above 160% n clear				
ctivation Criterion cansfer Time dmissible Overloo cansfer to Bypass etransfer LAINTENANCE BYP cype	ad	91.5%	91.5%	92.	lmm	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alar Without interrup 3 x 400V (3Ph +	; >200% for 200ms above 160% m clear cion		94.5%		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer IAINTENANCE BYP rype oltage	PASS Line Mode	91.5% 91.5%	91.5%	1000	Imm	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alar Without interrup 3 x 400V (3Ph +	;>200% for 200ms above 160% m clear cion		94.5%		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer IAINTENANCE BYP rpe oltage requency verall Efficiency	PASS Line Mode Battery Mode	91.5% 91.5%	91.5% 91.5%	1000	lmm	Zero hour; 180% for 30sec ediate, for overloads Automatic after alar Without interrup 3 x 400V (3Ph + 50/60 Hz	;>200% for 200ms above 160% m clear cion		94.5% 94.5%		
ansfer Time Imissible Overlor ansfer to Bypass etransfer AINTENANCE BYP pe eduency verall Efficiency	Line Mode Battery Mode			1000	Imm .5%	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alare Without interrup 3 x 400V (3Ph + 50/60 Hz 93.	; >200% for 200ms above 160% n clear dion N)		200.00		
ransfer Time dmissible Overloa ransfer to Bypass etransfer HAINTENANCE BYP r/pe loltage requency attery & CHARGI attery Type and N	Line Mode Battery Mode ER			1000	.5% 5%	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400V (3Ph+1 50/60 Hz 93. 94.	; >200% for 200ms above 160% m clear ion N) 5%		200.00		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer to Bypass etransfer to Bypass etransfer etransfer to Bypass etransf	Line Mode Battery Mode ER			1000	.5% 5%	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400V (3Ph +1 50/60 Hz 93. 94. 0C x 32 pcs (29~32 pcs VDC (Based on 32pcs	; >200% for 200ms above 160% m clear ion N) 5%		200.00		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer to Bypa	Line Mode Battery Mode ER	91.5%	91.5%	92.	.5% 5%	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400V (3Ph+1 50/60 Hz 93. 94.	;>200% for 200ms above 160% m clear N) 5% 5% adjustable)	10A. Max. 40A	200.00		
cansfer Time dmissible Overloa cansfer to Bypass etransfer lAINTENANCE BYP ype obtage requency verall Efficiency ATTERY & CHARGI attery Type and N ominal Battery Vo harging Method harging Current	Line Mode Battery Mode ER	91.5%		92.	5% 5% 12VI 384	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrupi 3 x 400V (3Ph + 50/60 Hz 93. 94. OC x 32 pcs (29~32 pcs VDC (Based on 32 pcs	;>200% for 200ms above 160% m clear ition N) 5% adjustable) batteries)	10A. Max. 40A	200.00		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer laintenance Byp ype oltage requency verall Efficiency ATTERY & CHARGI attery Type and N ominal Battery Vo harging Method harging Current harging Voltage	Line Mode Battery Mode ER	91.5%	91.5%	92.	5% 5% 12VI 384	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400V (3Ph +1 50/60 Hz 93. 94. 0C x 32 pcs (29~32 pcs VDC (Based on 32pcs	;>200% for 200ms above 160% m clear ition N) 5% adjustable) batteries)	10A, Max. 40A	200.00		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer IAINTENANCE BYF //P //P //P //P //P //P //P /	Line Mode Battery Mode ER umbers	91.5% Default 10A	91.5% , Max. = Capacity / Ba	92. ttery Voltage	5% 5% 12VI 384	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrup 3 x 400 V (3Ph + 50/60 Hz 93. 94. 0C x 32 pcs (29~32 pcs VDC (Based on 32 pcs	;>200% for 200ms above 160% m clear ition N) 5% adjustable) batteries)		200.00		
ctivation Criterion ransfer Time dmissible Overloa ransfer to Bypass etransfer lAINTENANCE BYP ppe obitage requency verall Efficiency ATTERY & CHARGI attery Type and N ominal Battery Vo harging Method harging Current harging Voltage	Line Mode Battery Mode ER umbers	91.5% Default 10A	91.5%	92.	5% 5% 12VI 384	Zero hour; 180% for 30 sec ediate, for overloads Automatic after alari Without interrupi 3 x 400V (3Ph + 50/60 Hz 93. 94. OC x 32 pcs (29~32 pcs VDC (Based on 32 pcs	;>200% for 200ms above 160% m clear ition N) 5% adjustable) batteries)	10A. Max. 40A 975 x 554 x 1286 471	200.00	975 x 635 x 132 650	



S-Power Science & Technology Co. Ltd - Address: Via 9 Marzo, 3 52020 Arezzo ITALY - Email: info@spowerstech.com - Website: www.spowerstech.com (English)

