

STP+ SERIES

60~160kVA
3:3 Phase PF:0.9

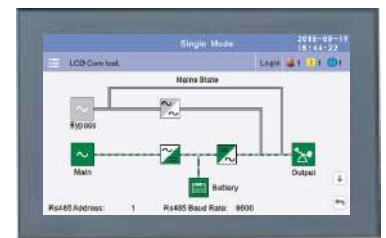


**ISOLATION
TRANSFORMER**
NOISE REJECTION ADVANTAGE

CORE FEATURES

Features:

- Online Double Conversion Topology.
- DSP Technology Guarantees High Reliability.
- True Inbuilt Galvanic Isolation Transformer Design.
- Control Designed to Withstand all kinds of Loads.
- Intelligent Battery Management to Prolong Battery Life Cycle.
- Redundant Fan Design and Independent Ventilation Enhances Durable Operation Under Harsh Environment.
- Adjustable Battery Numbers.
- Accept Dual-Mains Input.
- Parallel Operation with up to 6 Units (Option).
- Variety of Communication Options Available.
- 7" Inch Colour Touch Screen Display
- IGBT based charger for smart battery management & improve input power factor
- EPO & ECO Mode Operation



7" Touch Screen

Applications:

For all kind of ADP Machines

MODEL	STP+3360L32	STP+3380L32	STP+33100L32	STP+33120L32	STP+33160L32
Capacity	60kVA	80kVA	100kVA	120kVA	160kVA
INPUT					
Rated AC Voltage	380V / 400V / 415V AC (3Ph+N+PE)				
Voltage Range	290V ~ 480V AC \pm 5V				
Frequency Range	50 / 60 Hz \pm 10% Auto Sensing				
Power Factor	\geq 0.99				
Walk-in Time	5 ~ 300 Sec. (Configurable)				
BYPASS					
Rated Voltage	380V / 400V / 415V AC (3Ph+N+PE)				
Voltage Range	+ 20%, -30% (Configurable)				
Frequency Range	50 / 60 Hz \pm 10% (Configurable)				
BATTERY					
Battery Voltage	384V DC Standard (360 ~ 408 Configurable)				
Ripple	\leq 1%				
Charging Current Max. (A)	0.10C to 0.25C upto 100~300Ah at 100% Load (Configurable)				
OUTPUT					
Rated Voltage	380V / 400V / 415V AC (3Ph+N)				
Frequency Range	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode				
Voltage Regulation	\pm 1%				
Harmonic Distortion (THDv)	\leq 1%				
Crest Factor / Transfer Time	3:1 / Zero				
Efficiency	94.0% Dual Conversion Mode, 99.0% ECO Mode				
Overload	\leq 110% for 60 Min, \leq 125% for 10 Min, \leq 150% for 1 Min, \geq 150% for 300 ms				
SYSTEM FEATURES					
Parallel	Up to 6 Units (Optional)				
Display	Touch Screen & LED Mimic Diagram				
IP Rating	IP20				
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current,				
Audible Alarms	Alarm for batt. Low, DC High, Inverter Under/Over Voltage, Overload, Short Circuit, Fan Failure & UPS Fault				
LED Indicators	Bypass, Mains, Battery and Fault				
LCD Information	Input Voltage & Freq.; Output Voltage, Current, kVA, kW, Total Power, PF, Load % Per Phase, Load % Total & Freq.; Bypass Voltage & Freq.; Inverter Voltage & Freq.; Battery Voltage, DC Bus Voltage, Charging Current, Discharging Current, Temperature.				
ENVIRONMENTAL					
Temperature	Operating: 0~50°C*, Storage: -15°C ~ 60°C				
Humidity / Altitude	0~95% RH Non-condensing / <1500 M				
Noise	<65dBA				
STANDARDS					
Quality	ISO 9001, ISO 14001, ISO 27001, ISO45001, ISO 50001, RoHS				
Safety	IEC/EN62040-1				
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE				
PHYSICAL					
Dimensions WxDxH (mm)	430x830x1100	720x690x1400		890x790x1600	
Weight (Kg)	315	365	420	635	740
COMMUNICATION INTERFACE					
Standard	RS232				
Optional	SNMP / ModBus / Dry Contact / USB / RS485				
Monitoring Software	NetAgent / Muser4000				



Servotech Renewable Power System Limited

(Formerly known as Servotech Power Systems Limited)

Registered Office : 806, 8th Floor,
Crown Heights, Hotel Crowne Plaza,
Rohini, New Delhi - 110085

Ph: 011-41183116, +91 9818680033

 +91 9311313734

Email: servotech@servotechindia.com

Unit-1 Kundli Plant: 76A, Sector-57,
Revenue Estate, Kundli, Sonipat,
Haryana - 131028

Unit-2 Safiabab Plant: Killa No. 14/6/1/2
(0-3), 6/2/3 (5-13) Safiabab, Pana Paposhian,
Rai, Sonipat 131029 Haryana

www.servotech.in

