

# THREE PHASE 3:3 Phase MODULAR UPS

- Modular design
- 7" touch color LCD with graphic display
- System can intelligently shutdown some power modules to increase total load rate achieving higher efficiency.
- Energy internal circle technology, system can run with full load, saving more than 90% Energy.



KEY FEATURES												
Phase	3Phase + Neutral+ Ground, 380V /400V /415V											
Type	Moduler											
Capacity	20kVA	40kVA	60kVA	80kVA	90kVA	120kVA	160kVA	200kVA	240kVA	300kVA	400kVA	500kVA
PARAMETERS												
Input Voltage	380 / 400 / 415VAC											
Input Voltage Range	304-478Vac (line-line), full load; 228-304Vac (line-line), load decreases linearly according to the min phase voltage											
Input PF	≥0.99											
Input Frequency	40Hz - 70Hz											
THD	THDi<3% @ 100% linearload											
Output Voltage	380 / 400 / 415VAC											
Voltage Regulation	±1.5%											
Output PF	1											
Efficiency	Normal mode: 95%; ECO mode: 98%; Battery mode: 94.5%											
Crest Ratio	3:1											
THD	<1% THD (linear load), <5.5% THD (non-linearload)											
Overload	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200 ms											
Battery	Supports Internal & External Battery depends on Power											
Display	LCD + LED, Touch Screen + Keyboard											
IP Class	IP20											
Protection	short circuit, overload, over temperature, battery low, fan fault alarm											
Communication	Standard: RS232, RS485, Dry contacts; Optional: SNMP											
ENVIRONMENT												
Noise (1 meter away)	72dB @100% load; 69dB @ 45% load(1 meteraway)											
Operating Temperature	0-40 °C											
Storage Temperature	(-25)-70 °C											
Humidity Range	0-95%(non-condensing)											
Altitude	< 1500m											
STANDARDS												
EN62040-1	General and Safety Requirements for UPS											
EN62040-2	Electromagnetic Compatibility (EMC) Requirements fo UPS											

**Note:** Product properties may change without a notice by EPC.