



## On-Line UPS Three- PH Input/Three PH Output


- True online UPS with DSP Control
- Smart Communication - SNMP / RS 232 / USB
- Charger Capacity Expansion for Extended Backup
- Adjustable to wide Range of operating Environment
- Redundant and Hot Standby capability
- Comprehensive LCD Display



Over the years our brand has become synonymous with two words - Quality and Service. With a Brand as powerful as ours and inherent strength in technology, we have progressed into one of the major supplier of Power Electronics Products. Our State-of-the-art infrastructure and commitment to achieve customer satisfaction ensures that we are always at the cutting edge of the technology as well as manufacturing product that provide value for money for years.

## Arrow On-Line UPS Specification

Type		3-Ph Input / 1-Ph Output	3-Ph Input / 3-Ph Output
Technology		DSP based True Online IGBT PWM Technology with Isolation Transformer	
Capacity		10 KVA - 20 KVA	10 KVA - 1000 KVA
General	Certification	ISO 9001 and ISO 14001 Certified OEM with CE and RoHS Certification	
Input	Voltage Nominal (Vac)	380/400/415 Vac 3-Phase	
	Voltage Range (Vac)	320 - 480 Vac L-L	
	Frequency Range(Hz)	45 - 65 Hz	
	Generator Input	Support	
	Power Factor	> 0.95	
Output	Voltage (Vac)	220/230/240 Vac +/- 1%, Single Phase	380/400/415 Vac +/- 1%, Three Phase
	Frequency(Hz)	50 Hz +/- 1Hz	
	Crest Factor	3:01	
	Harmonic Distortion	< 3% for Linear Load, 5% for Non-linear Load	
	Efficiency	>90%	
	Power Factor	0.8	
	Redundancy	N+X Redundancy in Parallel (Optional)	
	Slew Rate	1 Hz / sec	
	Galvanic Isolation	In-built / External as per requirement (Optional)	
	Battery	Type	Sealed Maintenance Free VRLA, Flexible DC Bus
Charging		8 Hours recover to 90% Capacity, IBM System	
Protections	Input	Input High/Low Cutoff, Over Current, Short Circuit, Reverse Ph Sequence	
	Output	High/Low Cutoff, Over Current, Short Circuit, Soft Start, Overload	
	Battery	Battery Low, Battery Overcharge, Adjustable Controlled Charging Current	
	Other	Over Temperature, IP21	
Indications and Alarm	Bypass	Optional Manual/Static Bypass	
	LED/LCD	Mains mode, Backup mode, Charging, Battery Low, Overload, Fault	
Environment	Parameter	Input-Output status(V), Battery Level, Load Level	
	Operating Temperature	0 -45 deg C	
	Storage Temperature	0 -75 deg C	
	Relative Humidity	0-95 RH @ 0-45 degC non-condensing	
	Noise Level	< 60dB @ 1 Meter	
Management (Optional)	Thermal	Fan and Heatsink	
	Smart RS232 / USB	RS 232 / USB port with software for monitoring	
Standards	External Slot	SNMP / RS485	
	Safety	EN62040-1	
	EMC	EN62040-2	
	Performance	EN62040-3	
	Other	EN61000-1/8, EN50091-1, EN50091-2, EN55011, EN5022, CISPR11/22*	

Arrow True Double Conversion Online UPS Series is DSP/Microprocessor controlled high frequency PWM technology with IGBT as Power Device in Inverter provides pure sinewave output and complete protection against all kinds of Power Outages. With compact footprint and front-end controls through user-friendly LCD/LED display, UPS occupies minimum floor space. 

The Arrow series UPS systems are designed to supply clean unbroken power and it's features provide significant advantages to users, specially in Indian power supply environment. The entire range of Arrow UPS systems are backed by extensive network of Sales and Service support.

### Optional:

- ~ flexiDC™
- ~ SNMP/Relay Card /RS-485
- ~ Galvanic Isolation
- ~ TVSS (External/Internal)

ETDC STQC Certified by ETDC (STQC Lab) and EQDC (Established by Govt of Gujarat Under STQC Programme)



**OUR PRODUCT RANGE: LINE INTERACTIVE UPS, ONLINE UPS, HOME UPS SYSTEM, STABILIZER AND BATTERIES.**



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## Arrow Powertech Pvt. Ltd.

An ISO 9001:2008 ISO 14001:2004, CE & RoHS Certified Company

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