

The Shield R3 is a one of a kind UPS. A rack mount 3/3 or 3/1 phase 25KVA, unity power factor UPS in just 3U of rack space! It also has an option for adding an expandable, rack mount battery bank depending on the run time you need.

With an incredibly small footprint, the highly efficient Shield R3 UPS comes with a unity power factor that gives you more real power per KVA. Equipped with a full color LCD touch screen, you can view all UPS statistic and manage your UPS better.



- Unity power factor gives you more real power per UPS.
- Parallel 2 UPSs for capacity (50KVA) or redundancy.
- Flexible output configuration allows for 3 phase or single phase output.
- It can be used as a rack mount or a tower UPS (tower stands provided).
- The intelligent charging control system makes sure of a longer battery life.
- Advanced engineering guarantees high efficiency operating in double conversion mode, saving you OPEX.
- The R3 range are engineered to have a small footprint hence saving you space and tedious planning.
- Shield network monitoring system enables the UPS to be monitored remotely. Various alerts and traps can be set on a range of events.
- Shield ensures in-depth technician training globally which increases service response and reduces downtime for your critical systems.
- Supports battery cold start function.
- The 5.5" touch LCD has a friendly user interface to access all UPS statistics and settings.

Specification sheet

System capacity	R325
Capacity (KVA)	25
Mains input	
Input type	3P+N+PE
Input voltage	380/400/415VAC (line-line)
Input frequency	50/60Hz
Input voltage range	304~478Vac (line-line), full load; 228-304Vac, load derated linearly
Input frequency range	40Hz~70Hz
Input PF	>0.99
Input THDi	<3% (100% Linear load)
Bypass input	
Rate Voltage	380/400/415Vac (line-line)
Rate Frequency	50/60Hz
Input Voltage Range	Settable, -40%~+25%
Bypass Frequency Range	Settable, ±1Hz, ±3Hz, ±5Hz
Bypass Overload	110%, long time; 125%, 5 mins; 150%, 1min; >150%, 1s
Output	
Output voltage	380/400/415VAC (line-line)
Output frequency	50/60Hz
Voltage regulation	±1.5%
Output PF	1
Output THDu	<1% , Linear load; <6%, Non-linear load (IEC/EN62040-3)
Overload capacity	110% for 1 hour; 125% for 10 min; 150% for 1 min; >150% for 200 ms
Battery	
Voltage	±240VDC
Charging accuracy	±1%
Charging capacity	up to 20% * System Power
Battery cold start	Yes
Efficiency	
AC mode	≥96.0%
Battery mode	≥95.5%
System	
Display	Color LCD touch screen and LED
Interface	Standard: RS232, RS485, USB, Dry contacts (programmable); Optional: SSNMP Card, Parallel kit, SPD
Environment	
Operation temperature	0 ~ 40 °C
Storage temperature	-40 ~70 °C
Relative humidity	0 ~ 95% Non Condensing
Noise (1 meter)	68dB @ 100% load, 62dB @ 45% load
Physical data	
Dimension W*D*H (mm)	485*885*130
Weight (kg)	25