

The new generation of Shield modular UPSs gives you 25KVA of unity power factor in 2U of space. This means more scalable real power in a smaller footprint hence giving you a lower total cost of ownership.

The M25U gives you unparalleled efficiency and hence a better return on investment. The large LCD touchscreen allows you access to in depth power quality analysis of the entire UPS and each power module.



- Unity power factor gives you more real power. The UPSs high energy efficiency reduces both power and cooling needs hence offering a lower operating expenditure.
- 25KVA/25KW in 2U gives you more power in less density resulting in an unprecedented low footprint.
- Reduce TCO (total cost of ownership) with the UPSs scalable design. 150KVA 19" rack mount chassis available as well as the 200KVA free standing chassis. No need to purchase more UPSs for higher power requirements.
- True hot-swap modular design enables replacement on power modules in less than a minute with no downtime.
- Each power module has its own status LED which helps in quicker trouble shooting.
- Battery coldstart function allows the UPS to be started without any utility power.
- Touch screen LCD allows in-depth power quality analysis, measurements, settings and fault correction.
- 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.
- Plan for both internal and N+N redundancy. The UPS can easily be integrated with another unit to provide better redundancy.

Specification sheet

System capacity	150kVA/150kW	200KVA/200kW
Power module capacity	25KVA/25KW	
Total module capacity	6	8
Mains		
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; 228V~304Vac (line-line),derate from 75% to 100% load	
Input frequency range	40Hz~70Hz	
Input PF	>0.99	
Input THDi	<3% (100% Linear load)	
Bypass		
Bypass voltage	380/400/415VAC (line-line)	
Bypass frequency	50/60Hz	
Bypass voltage range	Settable, -40%~+25%	
Bypass frequency range	Settable, ±1Hz, ±3Hz, ±5Hz	
Bypass overload	110%,Long time; 110%~125%,5 mins ; 125%~150%,1 min ; 150%~400%,1 sec	
Output		
Output voltage	380/400/415VAC (line-line)	
Output frequency	50/60Hz	
Output PF	1	
Output THDu	<1% , Linear load; <6%, Non-linear load (IEC/EN62040-3)	
Inverter overload	<110%,1 hour; 110%~125%,10 mins; 125%~150%,1min; >150%, 200ms	
Battery		
Batteries per string	32-44 Settable	
Charging accuracy	1%	
Charging capacity	up to 20% * Output Power	
Battery cold start	Yes	
Efficiency		
AC mode	>96.0%	
Battery mode	>95.5%	
System		
Display	LED + LCD + Touch Screen	
Interface	RS232, RS485, Programmable Dry Contact	
Option	SNMP Card, Parallel,SPD	
Environment		
Operation temperature	0 ~ 40 °C	
Storage temperature	-40 ~70 °C	
Relative humidity	0 ~ 95% Non Condensing	
Noise (1 meter)	65dB @ 100% load, 62dB @ 45% load	
Physical data		
Module dimension	436*677*85mm	
Module weight	18kg	
Cabinet dimension	485*900*1072 mm	482*916*1550 mm
Cabinet weight	140kg	160kg