

ပို့ဆောင်ရေးနှင့် ဆက်သွယ်ရေးဝန်ကြီးဌာန  
 သတင်းအချက်အလက်နည်းပညာနှင့်ဆိုင်ဘာလုံခြုံရေးဦးစီးဌာန၊ ဂြိုဟ်တုဆက်သွယ်ရေးဌာန  
 ကွန်ပျူတာနှင့်ဆက်စပ်ပစ္စည်းများနှင့်ရုံးသုံးစက်ပစ္စည်းများ ဝယ်ယူတပ်ဆင်ခြင်း လုပ်ငန်းစာရင်း  
 တင်ဒါအမှတ်စဉ် (ITCSD - ၈ / ၂၀၁၈)

**Technical Specification**

စဉ်	ပစ္စည်းအမျိုးအမည်	အရေအတွက်
( ခ )	<p><b>Generator (250KVA) with ATS and Power Cable</b></p> <p>-Type : 3Phase Heavy Duty Diesel (ATS) Engine Generator (Sound Proof, Prime Power)</p> <p>-Continuous Rated Power : 250KVA, 200KW at 0.8 PF</p> <p>-Rated Output Voltage : 230V/400 volts, 50Hz/60Hz</p> <p>-Rated Output Current : 347.8 A</p> <p>-Rated Revolution per minute (Speed) : 1500rpm/ 1800 rpm</p> <p>-Governor type : Electronic Governor</p> <p>-Number of Cylinder : 6</p> <p>-Stroke : 4 stroke</p> <p>-Cooling System (Method) : Water Cooling</p> <p>-Starter Battery : 24 Volt</p> <p>-Alternator Type : Self excited Brushless Type with AVR Control (Metcalf/ optional- Stamford/ Crompton Greaves)</p> <p>Insulation Class : H</p> <p>-Automatic Engine Shutdown protection for : Low oil pressure : Low coolant level : High Coolant Temperature : Under Speed, Over Speed : Under Voltage/ Frequency : Over Voltage /Frequency</p>	1 Sets

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	<p>-Electric Starting &amp; Charging System : 24 V, DC battery (Maintenance Free, Alternator &amp; Commercial power battery charging system (Self Charging)</p> <p>-Heavy duty fabricate steel skip type base frame with anti-vibration mounting pads.</p> <p>- Installation Material (Air Duct, Bellow Pipe, Exhaust Pipe)</p> <p>- Unit mounted tropical radiator with engine drive blower type fan.</p> <p>- High Capacity fuel, air and lubrication oil filter.</p> <p>- Testing the set in Auto/ Manual/ Test modes</p> <p>- Testing for all interlocks</p> <p>- Generator Neutral Should be earthed with 2Nos, of Copper plate earthing</p> <p>- Air intake system should have requisite air filters and complete interconnecting piping supports etc</p> <p>- Single bearing alternator with insulation class H and IP22/IP23 (protection grade)</p> <p>- Exhaust industrial silencer for open generator set.</p> <p>- Direct coupled with synchronous alternator.</p> <p>- Consumable Spare Parts for 3000 running hours.</p> <p>- Instruction manual and wiring diagrams.</p> <p>- Surge Voltage Arrester for Engine control Panel</p> <p>- Proper Grounding System for Protection.</p> <p>- Detail Specification for Engine Control Panel &amp; ATS Panel</p> <p>- Installation Material (Air Duct, Bellow Flexible Pipe, Exhaust Pipe ,Elbow)</p> <p>- Installation Kits &amp; Maintenance Tools.</p> <p>- Two Year Maintenance Services.</p>	

စဉ်	ပစ္စည်းအမျိုးအမည်	အရေအတွက်
	<p><b>Engine Control Panel</b></p> <ul style="list-style-type: none"> <li>- Volt Meter, Ampere Meter, Frequency Meter , Hours Counter Meter, Fuel Indication level Meter, Emergency Stop Button , Auto Start &amp; Stop Function, Stat Section Selector Switch with Key (OFF- ON)</li> </ul> <p><b>Auto Transfer Switch (380/400 Amp) - (ATS) IT series (Separate Panel)</b></p> <ul style="list-style-type: none"> <li>- Two 4 poles Mechanically &amp; Electrically interlock Load Transfer Contact UP to (380/400 Amp)</li> <li>-Main Available, Main On load ,Generator Available , Generator On load.</li> </ul>	