



A **ZENER** VARIDRIVE SOLUTION

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Solar Application Sizing Checklist

The following is required to provide a quotation. Please complete an email to: sales@zener.net

EXISTING INSTALLATION	EXAMPLE	DATA
TYPE OF APPLICATION		
TANK FILL	X	
PRESSURE CONTROL		
OTHER		
AUXILIARY SUPPLY VOLTAGE	YES	
GRID OR GENERATOR	GRID	
THREE PHASE	415V	
SINGLE PHASE		
480V SWER		
ELECTRIC MOTOR AND PUMP		
MOTOR SIZE HP/KW	22KW	
MOTOR RATED VOLTAGE	380/415	
RATED CURRENT AMPS AT VOLTAGE	45/41	
SPEED RPM or poles	2800	
TYPE OF PUMP (Centrifugal-Bore-Submersible)	SUBMERSIBLE	
PUMP OPERATION (actual or predicted)		
ACTUAL RUNNING CURRENT & SPEED	30Amps @ 100% speed	
PUMP POWER @ MAX REQUIRED SPEED	16kW @ 80% speed	
OR		
MAX PUMP SPEED REQUIRED	80%	
PUMP DUTY		
DAYTIME PUMPING HOURS PER DAY	HOURS	
SPRING	6	
SUMMER	7	
AUTUMN	5	
WINTER	3	
SITE DETAILS		
LOCATION CITY OR CO-ORDINATES	SCONE (32.0546° S, 150.8595° E)	
SOLAR PANEL (IF CUSTOMER SUPPLIED)		
MANUFACTURER	LG	
PART NUMBER	LG280/285S1C-L4	